


xD-Picture Card™


Exif Print

Pic



1 Getting Ready

2 Using the Camera

3 Advanced Features

4 Settings

5 Software Installation

6 Viewing Images

DIGITAL CAMERA
FinePix
DIGITAL CAMERA
FinePix

OWNER'S MANUAL

Warning

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

For customers in the U.S.A.

**Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE**

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try

to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void the user's authority to operate the equipment.

Notes on the Grant:

To comply with Part 15 of the FCC rules, this product must be used with a Fujifilm-specified ferrite-core A/V cable, USB cable and DC supply cord.

For customers in Canada

CAUTION

This Class B digital apparatus complies with Canadian ICES-003.

Please read the Safety Notes (⇒P.91) and make sure you understand them before using the camera.

IMPORTANT

Be sure to read this page before using the Software.

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EC Declaration of Conformity

We

Name: Fuji Photo Film (Europe) G.m.b.H.
Address: Heesenstrasse 31
40549 Dusseldorf, Germany

declare that the product

Product Name: FUJIFILM DIGITAL CAMERA FinePix A345 / FinePix A350
Manufacture's Name: Fuji Photo Film Co., Ltd.
Manufacture's Address: 26-30, Nishiazabu 2-chome, Minato-ku,
Tokyo 106-8620, Japan

is in conformity with the following Standards

Safety: EN60065
EMC: EN55022: 1998 Classe B
EN55024: 1998
EN61000-3-2: 1995 + A1: 1998 + A2: 1998

following the provision of the EMC Directive (89/336/EEC, 92/31/EEC and 93/68/EEC) and Low Voltage Directive (73/23/EEC).



Dusseldorf, Germany

February 1, 2005

Place

Date

Signature/Managing Director



Bij dit produkt zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA

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Preface

■ Test Shots Prior to Photography

For important photographs (such as weddings and overseas trips), always take a test shot and view the image to make sure that the camera is working normally.

- Fuji Photo Film Co., Ltd. cannot accept liability for any incidental losses (such as the costs of photography or the loss of income from photography) incurred as a result of faults with this product.

■ Notes on Copyright

Images recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner, unless intended only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of **xD-Picture Card** containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

■ Liquid Crystal

If the LCD monitor is damaged, take particular care with the liquid crystal in the monitor. If any of the following situations arise, take the urgent action indicated.

- If liquid crystal comes in contact with your skin
Wipe the area with a cloth and then wash thoroughly with soap and running water.
- If liquid crystal gets into your eye
Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- If liquid crystal is swallowed
Flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

■ Notes on Electrical Interference

If the camera is to be used in hospitals or aircrafts, please note that this camera may cause interference to other equipment in the hospital or aircraft. For details, please check with the applicable regulations.

■ Handling Your Digital Camera

This camera contains precision electronic components. To ensure that images are recorded correctly, do not subject the camera to impact or shock while an image is being recorded.

■ Trademark Information

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- Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. Windows is an abbreviated term referring to the Microsoft® Windows® Operating System.
- * The "Designed for Microsoft® Windows® XP" logo refers to the camera and the driver only.
- Other company or product names are trademarks or registered trademarks of the respective companies.

■ Explanation of Color Television System

NTSC: National Television System Committee, color television telecasting specifications adopted mainly in the U.S.A., Canada and Japan.

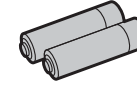
PAL: Phase Alternation by Line, a color television system adopted mainly by European countries and China.

■ Exif Print (Exif ver. 2.2)

Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

Accessories included

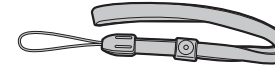
● LR6 AA-size Alkaline Batteries (2)



● 16 MB, xD-Picture Card™ (1)

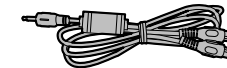


● Strap (1)



● A/V cable (1)

Approx. 1.2 m (3.9 ft.), plug (2.5 mm dia.) to pin-plug cable × 2



● USB cable (mini-B) (1) (approx. 1.2 m (3.9 ft.))

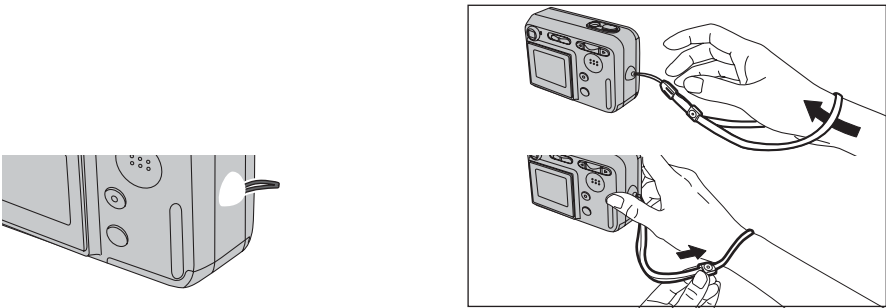
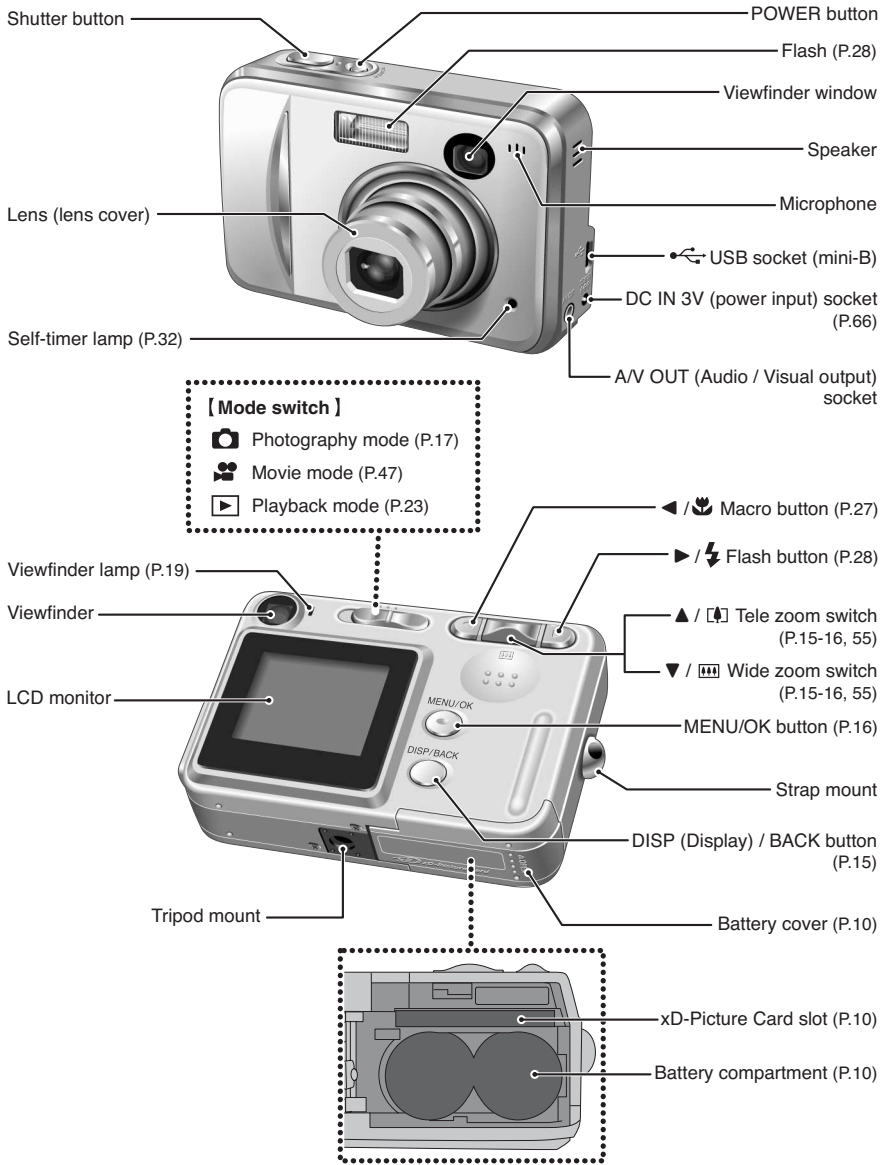


● CD-ROM (1) Software for FinePix BX



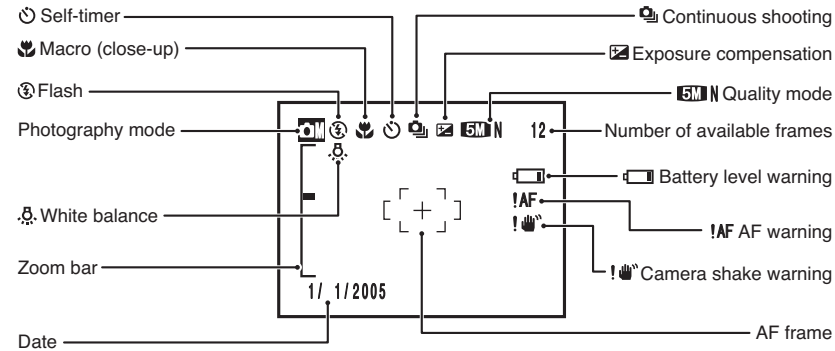
● Owner's Manual (this manual) (1)

Camera parts and features

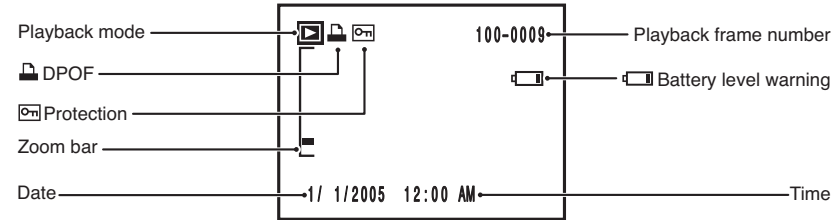


Example of LCD monitor text display

Photography mode



Playback mode

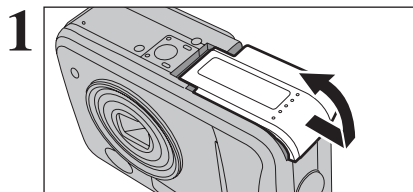
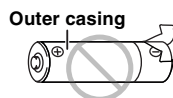


Compatible batteries

- AA-size alkaline batteries (2) or AA-size Ni-MH rechargeable batteries (sold separately) (2)
- Use the same brand and grade AA-size alkaline batteries as those supplied with the camera.

◆ How to use the batteries ◆

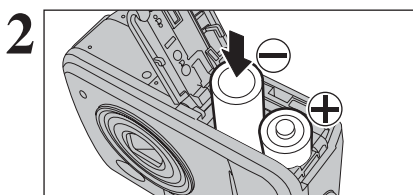
- Never use the following types of batteries as they could cause serious problems such as battery fluid leakage or overheating:
 1. Batteries with split or peeling outer casings
 2. Combinations of different types of batteries or new and used batteries together
- Do not use manganese or Ni-Cd batteries.
- Soil, such as fingerprints on the poles of the batteries can shorten time for which the batteries can be used.
- The time for which AA-size alkaline batteries (referred to hereafter simply as alkaline batteries) can be used varies depending on the brand. Some brands of alkaline batteries may stop providing power more quickly than those supplied with the camera. Note also that due to their nature, the time for which alkaline batteries can be used decreases in cold conditions (0°C to +10°C/+32°F to +50°F). The use of AA-size Ni-MH batteries is better for this reason.
- Use Fujifilm Battery charger (sold separately) to charge AA-size Ni-MH batteries.
- See P.78-79 for other notes on using batteries.
- When first purchased or if left unused for a long period, the amount of time which AA-size Ni-MH batteries can be used may be short. See P.79 for more information.



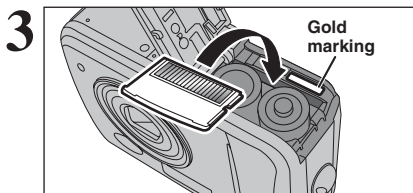
Check that the camera is turned off (viewfinder lamp is off) before opening the battery cover.

- If opening the battery cover while the camera is still on, the camera will turn off.
- Do not apply force to the battery cover.

Do not open the battery cover while the camera is on. This could damage the xD-Picture Card or ruin the image files on the xD-Picture Card.

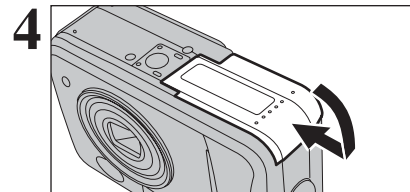


Load the batteries correctly as indicated by the polarity icons.



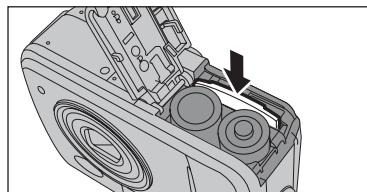
Align the gold marking on the xD-Picture Card slot with the gold contact area on the xD-Picture Card and push the card firmly all the way into the slot.

- If the xD-Picture Card is oriented incorrectly, it will not go all the way into the slot. Do not apply force when inserting an xD-Picture Card.



Close the battery cover.

◆ How to replace the xD-Picture Card ◆



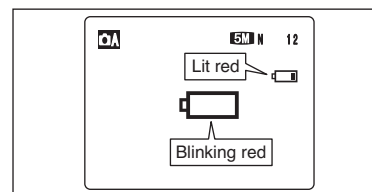
Push the xD-Picture Card into the slot and then slowly remove your finger. The lock is released and the xD-Picture Card is pushed out.

Checking the battery charge

Turn the camera on and check the battery charge.

- ① No icon
- ② Lit red
- ③ Blinking red

- ① There is ample battery charge.
- ② There is insufficient charge left in the batteries. The batteries will soon run out. Have a new set of batteries ready.
- ③ The batteries are depleted. The display will shortly go blank and the camera will stop working. Replace or recharge the batteries.



"" appears as a small icon on the right-hand side of the LCD monitor. "" appears as a large icon in the center of the LCD monitor.

- Depending on the camera mode and the type of batteries used, the transition from "" to "" may occur more quickly.
- Due to the nature of the battery, the battery level warning may appear early when the camera is used in cold locations. This is normal. Try warming the batteries in your pocket or a similar location before use.

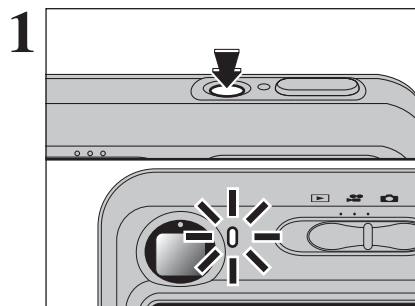
* Battery level warning

- 1) The camera's estimation of the remaining battery charge varies greatly depending on the camera operation mode. Consequently, even if "" or "" is not displayed in Playback mode, one of them may appear when you change to Photography mode.
- 2) Depending on the battery type and the level of charge in the batteries, the camera may run out of power without first displaying a battery level warning. This is particularly likely to happen when batteries that have run out of charge once are re-used.
In situation 2), immediately load new or fully charged replacement batteries.

◆ Power save function ◆

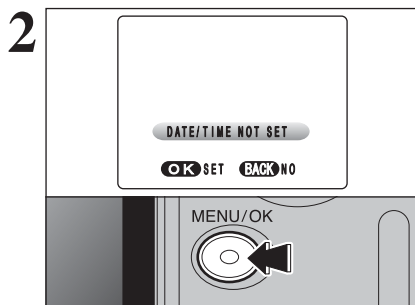
When the camera is not used for 60 seconds, this function turns off the LCD monitor (sleep mode) to reduce power consumption (➡P.54). If the camera is then left unused for 2 or 5 minutes, the Power save function turns the camera off. To turn the camera back on, press the "POWER" button.

TURNING ON AND OFF / SETTING THE DATE AND TIME



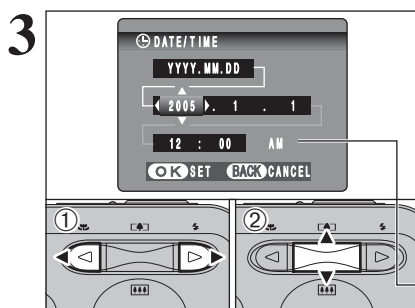
Press the "POWER" button to turn the camera on. When turning the camera on, the viewfinder lamp lights green. Press the "POWER" button again to turn the camera off.

The lens moves when the camera is in "📷" Photography mode. Take care not to obstruct the lens. Obstructing the lens will cause damage and "ZOOM ERROR" or "FOCUS ERROR" will appear. Take care also not to get fingerprints on the camera lens as this will result in impaired image quality in your shots.



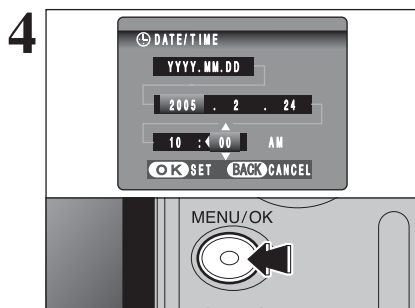
When using the camera for the first time after purchasing, the date and time are cleared. Press the "MENU/OK" button to set the date and time.

- ❗ If the message (see figure at left) does not appear, refer to "Correcting the date and time" (P.13) and check and correct the date and time settings.
- ❗ The message also appears when the batteries have been removed and the camera has been left for a long period.
- ❗ To set the date and time later, press the "DISP/BACK" button.
- ❗ If you do not set the date and time, this message will appear each time you turn the camera on.



- 1 Press "←" or "→" to select Year, Month, Day, Hour or Minute.
- 2 Press "▲" or "▼" to correct the setting.

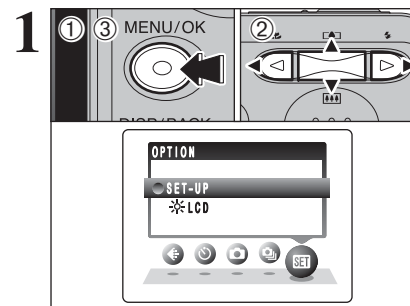
- ❗ Holding down "▲" or "▼" changes the numbers continuously.
- ❗ When the time displayed passes "12:00", the AM/PM setting changes.



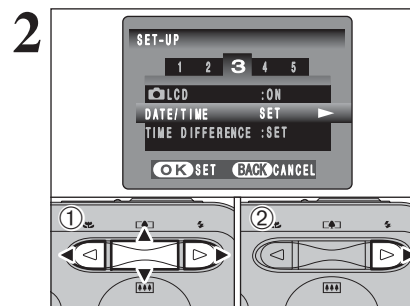
Once you have set the date and time, press the "MENU/OK" button. Pressing the "MENU/OK" button changes the camera to Photography or Playback mode.

- ❗ At the time of purchase and after leaving the camera for a long period with the batteries removed, settings such as the date and time are cleared. Once the AC power adapter has been connected or the batteries have been installed for 15 minutes or more, the camera settings will be retained for roughly 1 hour even if both sources of power are removed.

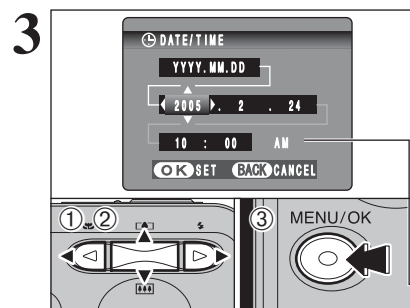
CORRECTING THE DATE AND TIME / CHANGING THE DATE ORDER



- 1 Press the "MENU/OK" button to display the menu on the LCD monitor.
- 2 Press "←" or "→" to select "SET-UP" and then press "▲" or "▼" to select "SET-UP".
- 3 Press the "MENU/OK" button to display the "SET-UP" screen.

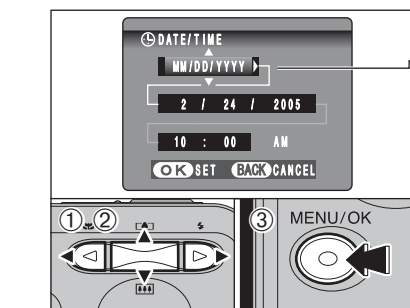


- 1 Press "←" or "→" to move to option 3 and then press "▲" or "▼" to select "DATE/TIME".
- 2 Press "→".



- ### Correcting the date and time
- 1 Press "←" or "→" to select Year, Month, Day, Hour or Minute.
 - 2 Press "▲" or "▼" to correct the setting.
 - 3 Always press the "MENU/OK" button after the settings are completed.

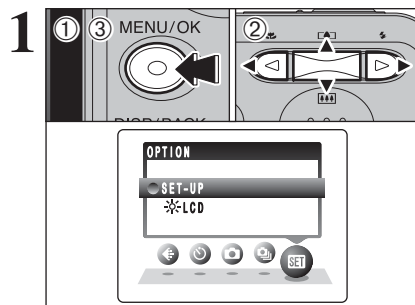
- ❗ Holding down "▲" or "▼" changes the numbers continuously.
- ❗ When the time displayed passes "12:00", the AM/PM setting changes.



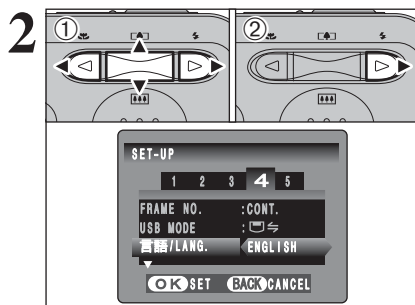
- ### Changing the date order
- 1 Press "←" or "→" to select the date order.
 - 2 Press "▲" or "▼" to set the order. Refer to the table below for details of the settings.
 - 3 Always press the "MENU/OK" button after the settings are completed.

Date order	Explanation
YYYY.MM.DD	Displays the date in the "year. month. day" format.
MM/DD/YYYY	Displays the date in the "month / day / year" format.
DD.MM.YYYY	Displays the date in the "day. month. year" format.

SELECTING THE LANGUAGE



- ① Press the "MENU/OK" button to display the menu on the LCD monitor.
- ② Press "◀" or "▶" to select "SET" OPTION and then press "▲" or "▼" to select "SET-UP".
- ③ Press the "MENU/OK" button to display the "SET-UP" screen.



- ① Press "◀" or "▶" to move to option 4 and then press "▲" or "▼" to select "言語/LANG.".
- ② Press "▶" to select "ENGLISH", "FRANCAIS", "DEUTSCH", "ESPAÑOL", "ITALIANO", "中文" or "日本語". Press "▶" to cycle through the language settings.

⚡ The screens in this manual are shown in English.
 ⚡ See P.52 for more information on the "SET" OPTION menu.

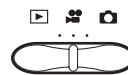
2 Using the Camera

BASIC OPERATION GUIDE

This section describes the camera's functions.

Changing modes

Slide the Mode switch to change modes.



Photography mode: Still image shooting

Movie mode: Movie recording

Playback mode: Photographed image playback

◀▶ button

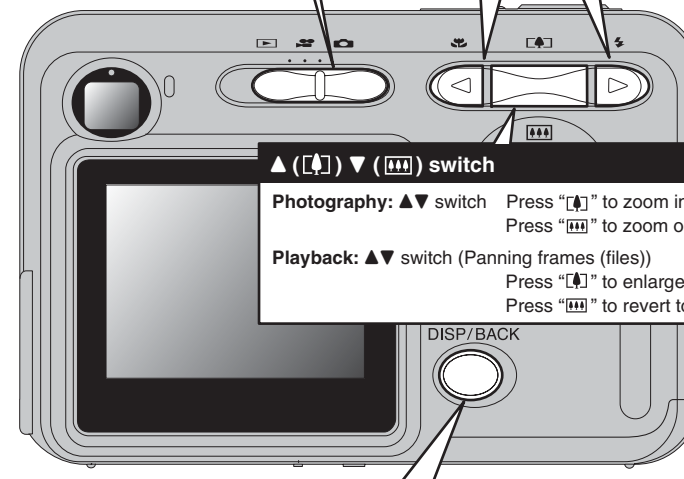
Photography: ◀ button
Turns Macro (📷) on and off.
▶ button
Sets the Flash (⚡).

Playback: Change frame or movie frame advance.

▲(📷)▼(📷) switch

Photography: ▲▼ switch Press "📷" to zoom in (telephoto).
Press "📷" to zoom out (wide-angle).

Playback: ▲▼ switch (Panning frames (files))
Press "📷" to enlarge the image.
Press "📷" to revert to normal display.



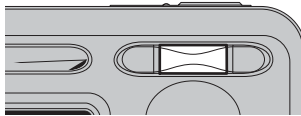
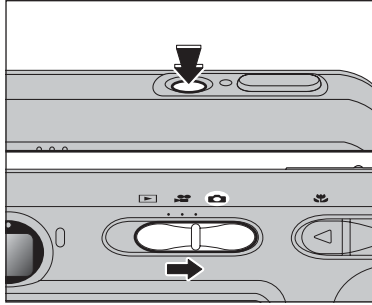
DISP/BACK button

DISP: Press this button to select the LCD monitor display.

Photography: Turns text display on and off, the LCD monitor off or displays the framing guides.

Playback: Turns text display on and off or selects multi-frame playback.

BACK: Press this button to stop a procedure midway through.

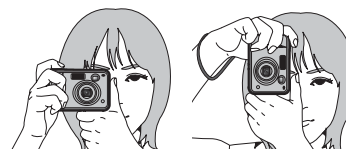


USING VIEWFINDER

1

When using the viewfinder to take pictures, press the "DISP/BACK" button to turn the LCD monitor off. Turning the LCD monitor off conserves battery power.

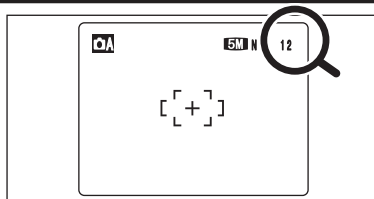
● The viewfinder cannot be used to take shots in Macro mode.



2

Using the Camera

NUMBER OF AVAILABLE FRAMES



The number of available frames appears on the LCD monitor.

See P.31 for information on changing the quality setting.
The default quality "F" set at shipment is "4M N (FinePix A345)" and "5M N (FinePix A350)".

Standard number of frames per xD-Picture Card

The table below shows the standard number of frames for a new xD-Picture Card formatted on the camera. The larger the xD-Picture Card capacity, the bigger the difference between the actual number of frames and the number shown here. Also, the size of an image file varies depending on the subject. So the number of remaining shots may decrease by 2 or may remain the same. For this reason, the number displayed may not show the actual number of frames.

FinePix A345

Quality setting	4M F	4M N	3:2	2M	1M	0.3M
Number of recorded pixels	2304 × 1728		2304 × 1536	1600 × 1200	1280 × 960	640 × 480
DPC-16 (16 MB)	7	15	18	25	33	122
DPC-32 (32 MB)	15	31	36	50	68	247
DPC-64 (64 MB)	32	64	72	101	137	497
DPC-128 (128 MB)	64	128	144	204	275	997
DPC-256 (256 MB)	129	257	289	409	550	1997
DPC-512 (512 MB)	259	515	578	818	1101	3993

FinePix A350

Quality setting	5M F	5M N	3:2	3M	2M	0.3M
Number of recorded pixels	2592 × 1944		2592 × 1728	2048 × 1536	1600 × 1200	640 × 480
DPC-16 (16 MB)	6	12	14	19	25	122
DPC-32 (32 MB)	12	25	28	40	50	247
DPC-64 (64 MB)	25	50	57	81	101	497
DPC-128 (128 MB)	51	102	114	162	204	997
DPC-256 (256 MB)	102	204	228	325	409	1997
DPC-512 (512 MB)	205	409	457	651	818	3993

USING AF/AE LOCK

1



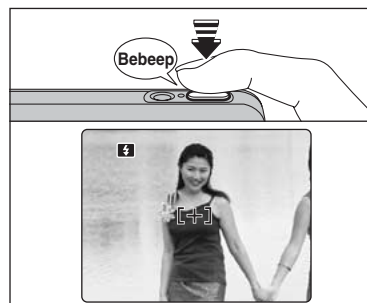
In this shot, the subjects (two people in this case) are not in the AF frame. Taking the picture at this point will result in the subjects being out of focus.

2



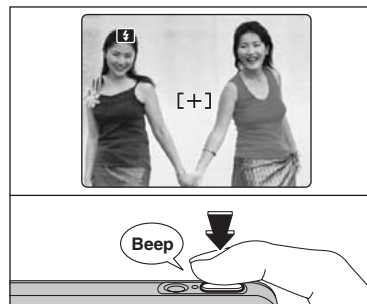
Move the camera slightly so that one of the subjects is in the AF frame.

3



Press the shutter button down halfway (AF/AE lock). When a short double-beep is heard, the camera focuses on your subject. The AF frame on the LCD monitor becomes smaller and the viewfinder lamp (green) changes from blinking to lit.

4



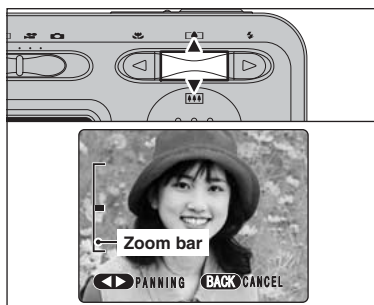
Continue to hold the shutter button down halfway. Move the camera back to the original image and press the shutter button fully.

AF/AE lock can be applied repeatedly before the shutter is released.
Use AF/AE lock in all Photography modes to guarantee excellent results.

◆ AF (Autofocus)/AE (Auto-exposure) lock ◆

On the FinePix A345 / FinePix A350, pressing the shutter button down halfway locks the focus and exposure settings (AF/AE lock). To focus on a subject that is off to one side or to set the exposure before composing the final shot, lock the AF and AE settings. Then take the picture to get the best result.

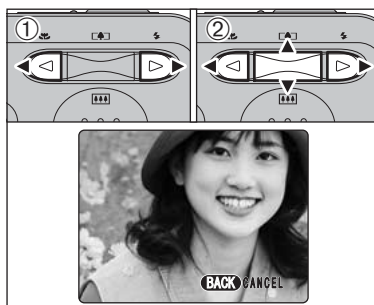




Playback zoom

Press “ (▲)” or “ (▼)” during single-frame playback to zoom the image. A zoom bar appears on the LCD monitor. Press the “DISP/BACK” button to return to single-frame playback.

- Playback zoom cannot be used with the “” quality setting.
- Playback zoom cannot be used with multi-frame playback.



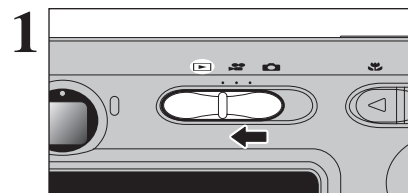
- Press “◀” or “▶” to select to “PANNING”.
- Press “▲”, “▼”, “◀”, or “▶” to display another part of the image. Press the “DISP/BACK” button to return to playback zoom.

■ Zoom scales (FinePix A345)

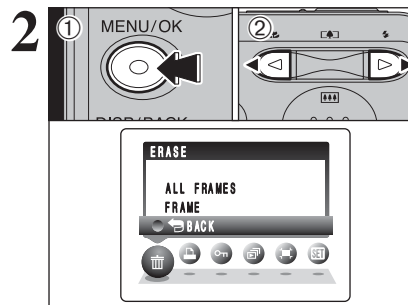
Quality mode	Max. zoom scale
(2304 × 1728 pixels)	Approx. 3.6×
(2304 × 1536 pixels)	Approx. 3.6×
(1600 × 1200 pixels)	Approx. 2.5×
(1280 × 960 pixels)	Approx. 2×

■ Zoom scales (FinePix A350)

Quality mode	Max. zoom scale
(2592 × 1944 pixels)	Approx. 4.1×
(2592 × 1728 pixels)	Approx. 4.1×
(2048 × 1536 pixels)	Approx. 3.2×
(1600 × 1200 pixels)	Approx. 2.5×

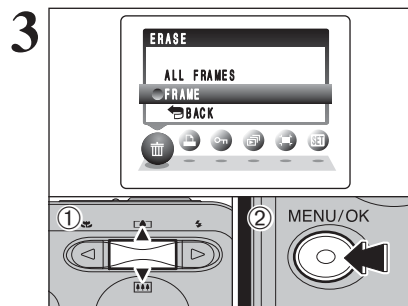


Set the Mode switch to “”.



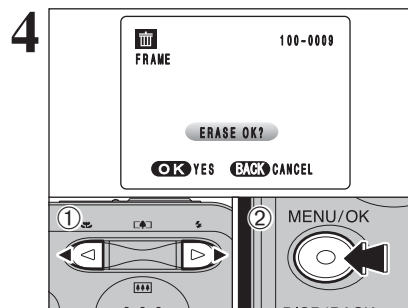
- Press the “MENU/OK” button during playback to display the menu on the LCD monitor.
- Press “◀” or “▶” to select “” ERASE.

Erased frames (files) cannot be recovered. Back up important frames (files) onto your PC or another media.



- Press “▲” or “▼” to select “FRAME”.
- Press the “MENU/OK” button to confirm the selection. See P.36 for information on “ALL FRAMES”.

To return to single-frame playback, press “▲” or “▼” to select “ BACK” and then press the “MENU/OK” button.



- Press “◀” or “▶” to select the erasing frame (file).
- Press the “MENU/OK” button to erase the displayed frame (file). To erase another image, repeat steps ① and ②. When you have finished erasing frames (files), press the “DISP/BACK” button.

Pressing the “MENU/OK” button repeatedly erases consecutive frames (files). Take care not to erase a frame (file) by mistake.

Specify the camera settings for taking pictures to get the best result. A general guide is given below.

1 Select the Photography mode (⇒P.33).

- Auto Leaves the “Exposure compensation” and “White balance” settings to the camera.
- Manual Sets the “Exposure compensation” and “White balance” to manual to easily control yourself.
- Portrait Used for photography getting beautiful skin tones and soft overall tone.
- Landscape Used for shooting scenery in daylight.
- Sports Used for shooting sporting events.
- Night Used for shooting evening and night scene.

2 Specify the photography settings (⇒P.27-29, 31-32, 34-35).

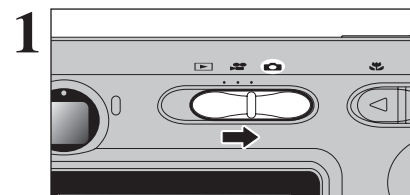
- Macro Used for close-up shots.
- Flash Used for shots in dark locations or for backlit subjects, etc.
- Quality Sets the size of the recorded image when the picture is taken. The size setting is matched to the intended use of the print size.
- Self-timer Used in situations such as group shots where the photographer is included in the shot.
- Continuous shooting Continuous shooting can be used.
- Exposure compensation Uses the AE exposure as a reference value of 0. This function brightens (+) or darkens (–) the shot.
- White balance Used to fix the white balance to suit the photography conditions and lighting.

3 Take the pictures

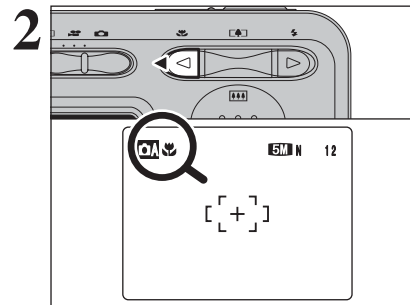
■ Photography mode specifications

			Factory default						
		Macro	OFF	YES	YES	NO	NO	NO	NO
		AUTO Auto flash	AUTO	YES	YES	YES	NO	YES	NO
		Red-eye reduction		YES	YES	YES	NO	NO	NO
		Forced flash		YES	YES	YES	NO	YES	NO
		Suppressed flash		YES	YES	YES	YES	YES	YES
		Slow synchro		NO	YES	YES	NO	NO	YES
		Red-eye reduction + Slow synchro		NO	YES	YES	NO	NO	YES
Menu	Quality		N (FinePix A345) N (FinePix A350)	YES	YES	YES			
	Self-timer		OFF	YES	YES	YES			
	Continuous shooting		OFF	YES	YES	YES			
	Exposure Compensation		0	NO	YES	NO			
	White balance		AUTO	NO	YES	NO			

Select Macro mode to take close-up shots.



Set the Mode switch to “”.



Press the “ (◀)” button. The “” appears on the LCD monitor indicating that you can take close-up shots.

To cancel Macro mode, press the “ (◀)” button again.

● Focal range

Approx. 6 cm to 80 cm (2.4 in. to 2.6 ft.)

● Effective flash range

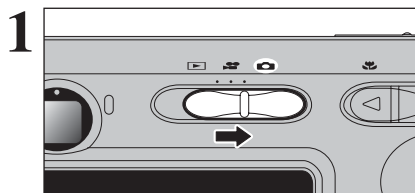
Approx. 30 cm to 80 cm (1.0 ft. to 2.6 ft.)

Any of the following cancels Macro mode:

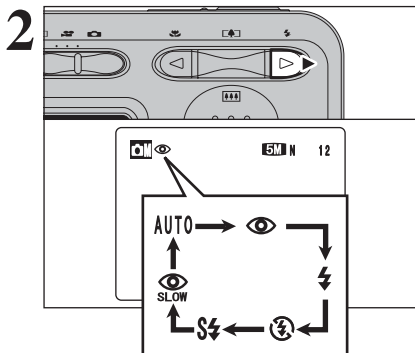
- Changing the SHOOTING MODE setting
- Turning the camera off
- Select the appropriate flash mode for the conditions.
- Use a tripod to prevent camera shake when shooting in the dark (when “” appears).
- The lens is fixed at the wide-angle zoom setting and only the digital zoom can be used.
- Once the LCD monitor is turned on and cannot be turned off in this mode.

When using the viewfinder to take a picture in Macro mode, the field visible through the viewfinder does not match the field actually photographed because the viewfinder and lens are in different positions. Use the LCD monitor to take pictures in Macro mode.

Choose from 6 flash modes according to the type of shot.



Set the Mode switch to “”.



Press the shutter button down halfway. “” appears on the LCD monitor when the flash is used.

The flash setting changes each time you press the “ (▶)” button. The last displayed setting is the selected mode.

● **Effective flash range (for AUTO)**

Wide-angle: approx. 60 cm to 3.5 m
(2.0 ft. to 11.5 ft.)

Telephoto: approx. 60 cm to 3 m
(2.0 ft. to 9.8 ft.)

- ⚡ If the flash is used in dusty conditions or when it is snowing, white dots may appear in the image due to flash reflecting off the dust particles or snowflakes. Use Suppressed flash mode to fix the problem.
- ⚡ The flash charging time may increase when the batteries are low on charge.
- ⚡ When taking a picture using the flash, the image may disappear and go dark briefly due to flash charging. The viewfinder lamp blinks orange during charging.
- ⚡ The available flash modes are limited depending on the Photography menu selected (➡P.26).
- ⚡ The flash fires several times (pre-flashes and the main flash).

AUTO Auto flash

Use this mode for ordinary photography. The flash fires as required by the shooting conditions.

- ⚡ If pressing the shutter button while the flash is charging, the picture will be taken without the flash.

Red-eye reduction

Use this mode to guarantee that the subject's eyes appear normal when taking pictures of people in low-light conditions. The flash fires a pre-flash just before the picture is taken and then fires again to take the actual picture. The flash fires as required by the shooting conditions.

- ⚡ If pressing the shutter button while the flash is charging, the picture will be taken without the flash.

◆ Red-eye effect ◆

When using the flash to take a picture of people in low-light conditions, their eyes sometimes appear red in the picture. This is caused by the light of the flash reflecting off the inside of the eye. Use Red-eye reduction flash to minimize the likelihood of this effect.

Take the following measures to make Red-eye reduction more effective:

- Get the subjects to look at the camera.
- Get as close as possible to the subjects.

⚡ Forced flash

Use this mode in backlit scenes, such as a subject against a window or in the shade of a tree, or to get the correct colors when taking a picture under bright lighting. In this mode, the flash fires in bright as well as dark conditions.

Suppressed flash

Use this mode for taking pictures using indoor lighting, for shots taken through glass, and for photography in places such as theaters or at indoor sporting events where the distance is too great for the flash to be effective. When you use Suppressed flash, the selected white balance function (➡P.35) operates so that natural colors are captured along with the ambience of the available light.

- ⚡ Use a tripod to prevent camera shake when shooting in Suppressed flash mode in the dark condition.
- ⚡ See P.19, 82 for information on the camera shake warning.

⚡ Slow synchro

This is a flash mode that uses a slow shutter speed. This allows you to take pictures of people at night that clearly show both your subjects and the night time backdrop. To prevent camera shake, always use a tripod.

● Slowest shutter speed

“” Night: up to 2 sec.

Red-eye reduction + Slow synchro

Use this mode for Slow synchro shots with Red-eye reduction.

- ⚡ The image may be overexposed when shooting bright scenes.

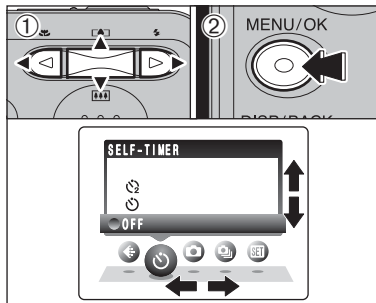
To take a picture of a main subject at night with the background brightly lit, use the “” Night setting in Photography mode (➡P.33).

1



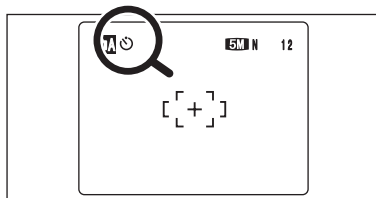
Press the "MENU/OK" button to display the menu on the LCD monitor.

2



- ① Press "◀" or "▶" to select the menu item and "▲" or "▼" to change the setting.
- ② Press the "MENU/OK" button to confirm the setting.

3



When you enable the setting, an icon appears in the top-left corner of the LCD monitor.

The settings available in the menu screen vary depending on the Photography mode.

Quality

→P.31

Set the size of the recorded image when the picture is taken. The size set is matched to the intended use of the print size.

Self-timer

→P.32

Use this setting for taking pictures such as group shots where the photographer is included in the shot.

Shooting mode

→P.33

Specify "A" AUTO, "M" MANUAL, "S" SPORTS or "N" NIGHT.

Continuous shooting

→P.34

Use this setting for taking pictures in Continuous shooting mode.

Exposure Compensation

→P.35

Use the setting when the correct brightness (exposure) cannot be obtained.

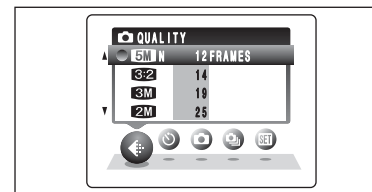
White balance

→P.35

Change this setting to take a picture with the white balance fixed for the surroundings and lighting when the picture is taken.

QUALITY SETTINGS IN PHOTOGRAPHY MODE

Available Photography modes: A, M, S, N, P, L



* Screen for FinePix A350

Choose from 6 settings. Using the table below as a guide, select the setting that best suits the aims.

- The numbers to the right of each setting show the number of available frames.
- When changing the quality setting, the number of available frames also changes (→P.20).

The quality setting is retained even when the camera is off or the mode setting is changed.

Quality settings in Photography mode

■ FinePix A345

Quality mode	Sample Uses
4M F (2304 × 1728)	Printing at up to 6R (15.2 × 20.3 cm/6 × 8 in.) / A5 size For better quality, select "4M F"
4M N (2304 × 1728)	
3:2 (2304 × 1536)	
2M (1600 × 1200)	Printing at up to 4R (10.2 × 15.2 cm/4 × 6 in.) / A6 size
1M (1280 × 960)	Printing at up to 3R (8.9 × 12.7 cm/3.5 × 5 in.) size
0M (640 × 480)	To use for e-mail or web site

■ FinePix A350

Quality mode	Sample Uses
5M F (2592 × 1944)	Printing at up to 8R (20.3 × 25.4 cm/8 × 10 in.) / A5 size For better quality, select "5M F"
5M N (2592 × 1944)	
3:2 (2592 × 1728)	
3M (2048 × 1536)	Printing at up to 6R (15.2 × 20.3 cm/6 × 8 in.) / A5 size
2M (1600 × 1200)	Printing at up to 4R (10.2 × 15.2 cm/4 × 6 in.) / A6 size
0M (640 × 480)	To use for e-mail or web site

◆ Area shot and quality setting ◆

Area shot excluding "3:2"



Area shot with "3:2"

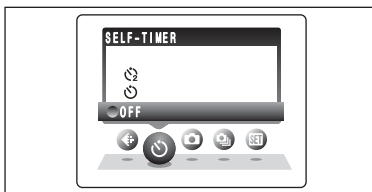


Normal shooting provides an aspect ratio of 4:3 and "3:2" shooting provides an aspect ratio of 3:2 (same aspect ratio as 35 mm film and post card). Images with a "3:2" aspect ratio are obtained by trimming the top and bottom edges off a maximum size of the recorded images.

⌚ SELF-TIMER PHOTOGRAPHY

Available Photography modes:

1



The self-timer is used in situations where the photographer is included in the shot. When selecting the self-timer setting, the self-timer icon appears on the LCD monitor.

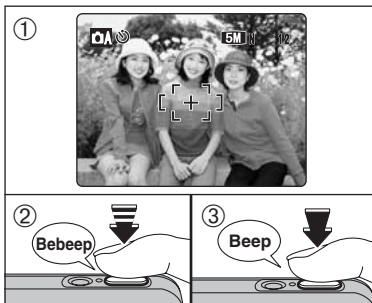
- ⌚: The picture is taken after 10 seconds.
- ⌚: The picture is taken after 2 seconds.

- Any of the following cancels the self-timer setting:
 - Completing the shooting
 - Changing the Mode switch setting
 - Turning the camera off

◆ Using the 2-second self-timer ◆

This is useful when you have the camera on a tripod and you want to prevent camera shake.

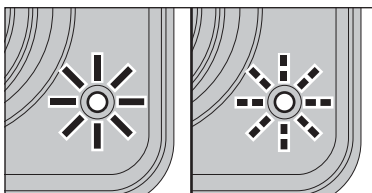
2



- ① Position the AF frame over the subject.
- ② Press the shutter button down halfway to focus on the subject.
- ③ Without releasing the shutter button, press the button all the way down (fully pressed) to start the self-timer.

- The AF/AE lock can be used (⇒P.21).
- Take care not to stand in front of the lens when pressing the shutter button as this can prevent the correct focus or brightness (exposure) from being achieved.

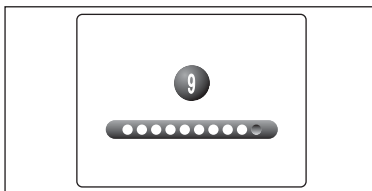
3



The self-timer lamp lights and then starts blinking until the picture is taken.

- To stop the self-timer, once it has started running, press the "DISP/BACK" button.

4

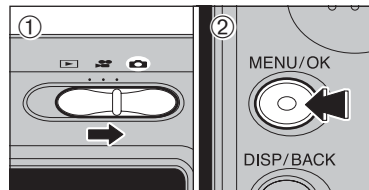


A countdown appears on the LCD monitor indicating the time remaining until the picture is taken. Self-timer mode is cancelled after each shot.

📷 SHOOTING MODE

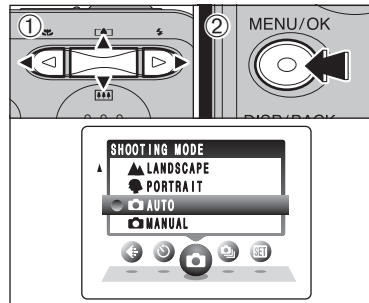
Available Photography modes:

1



- ① Set the Mode switch to "A".
- ② Press the "MENU/OK" button to display the menu on the LCD monitor.

2



- ① Press "◀" or "▶" to select "📷" SHOOTING MODE and "▲" or "▼" to change the setting.
- ② Press the "MENU/OK" button to confirm the setting.

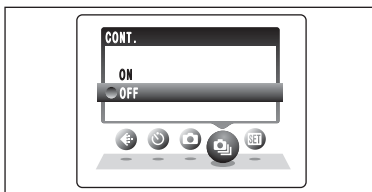
Shooting mode	Explanation	Available flash modes
MANUAL	Sets the "Exposure compensation" (⇒P.35) and "White balance" (⇒P.35) to manual to easily control yourself.	AUTO / / / / S / /
AUTO	Used in a wide range of conditions. This is the easiest mode for taking pictures.	AUTO / / /
PORTRAIT	Used for photography getting beautiful skin tones and soft overall tone.	AUTO / / / / S / /
LANDSCAPE	Used for shooting scenery in daylight and provides crisp, clear shots of scenery such as buildings and mountains.	Flash not available
SPORTS	Used for shooting sporting events. This mode gives priority to faster shutter speeds.	AUTO / /
NIGHT	Used for shooting evening and night scenes. This mode allows you to take shots where priority is given to slow shutter speeds of up to 2 seconds. To prevent camera shake, always use a tripod.	/ S / /

* "📷", "▲", "▼", "S" and "N" can not be selected in Macro mode.

CONTINUOUS SHOOTING

Available Photography modes: A, M, P,

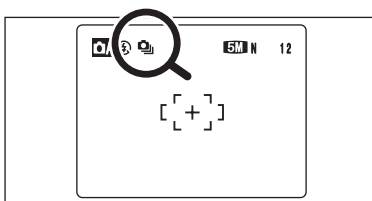
1



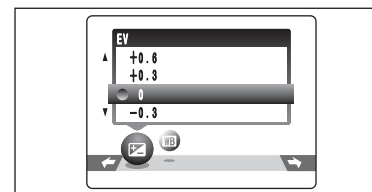
Select the Continuous shooting mode in the Photography mode.

This mode takes pictures continuously (FinePix A345: max. 1.5 frames/sec. or FinePix A350: max. 1.4 frames/sec.).

2



When continuous shooting is set to "ON", the "CONT." icon appears on the LCD monitor. Continuous shooting continues while pressing the shutter button down fully.

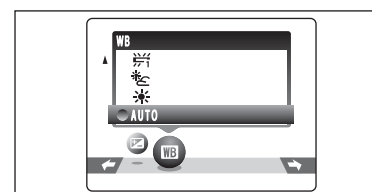


Select "EV" in the "CAM" SHOOTING MODE. Use this function for shots to get the correct brightness (exposure), such as shots with extremely high contrast between the subject and the background.

● Compensation range

–2.1 EV to +1.5 EV (13 steps in 0.3 EV increments)
See P.90 for more information on EV.

- Any of the following disables exposure compensation:
- Using the flash in Auto or Red-eye reduction mode
 - Shooting dark scenes in Forced flash mode



Select "WB" in the "CAM" SHOOTING MODE. Change the white balance setting to take a picture with the white balance fixed for the surroundings and lighting.

In AUTO mode, the correct white balance may not be achieved for subjects such as close-ups of people's faces and pictures taken under a special light source. Select the correct white balance for the light source. See P.90 for more information on the white balance.

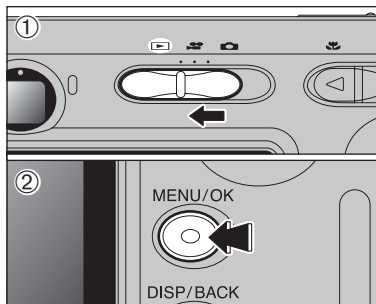
- The color tones may vary depending on the shooting conditions (light source, etc.).

AUTO: Automatic adjustment
(shooting to show the ambience of the light source)
: Shooting outdoors in good weather
: Shooting in shade

: Shooting under "Daylight" fluorescent lamps
: Shooting under "Warm White" fluorescent lamps
: Shooting under "Cool White" fluorescent lamps
: Shooting in incandescent light

* When the flash fires, the white balance setting for the flash is used. Consequently, to achieve a particular effect, the flash mode should be set to Suppressed flash (⇒P.29).

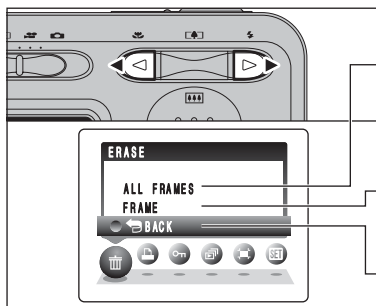
1



- ① Set the Mode switch to "E".
- ② Press the "MENU/OK" button to display the menu on the LCD monitor.

Erased frames (files) cannot be recovered. Back up important frames (files) onto your PC or another media.

2



Press "◀" or "▶" to select "E" ERASE.

ALL FRAMES

Erases all unprotected frames (files).
Back up important frames (files) onto your PC or another media.

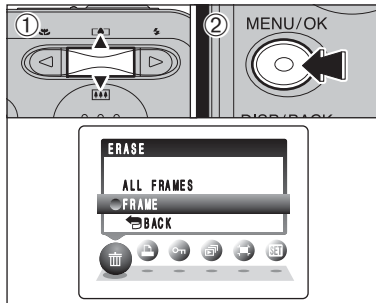
FRAME

Erases only the selected frame (file).

BACK

Returns to playback without erasing any frames (files).

3



- ① Press "▲" or "▼" to select "ALL FRAMES" or "FRAME".
- ② Press the "MENU/OK" button.

FRAME

- ① Press "◀" or "▶" to select the erasing frame (file).
 - ② Press the "MENU/OK" button to erase the currently displayed frame (file).
- To erase another frame (file), repeat steps ① and ②. When you have finished erasing frames (files), press the "DISP/BACK" button.

- ⚡ Pressing the "MENU/OK" button repeatedly erases consecutive frames (files). Take care not to erase a frame (file) by mistake.
- ⚡ Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (⇒P.42).

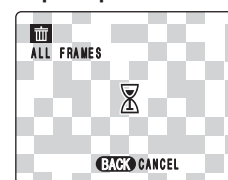
ALL FRAMES

Pressing the "MENU/OK" button erases all the frames (files).

- ⚡ Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (⇒P.42).

If "DPOF SPECIFIED, ERASE OK?" or "DPOF SPECIFIED, ERASE ALL OK?" appears, press the "MENU/OK" button again to erase the frames (files).

◆ To stop the procedure midway ◆



Press the "DISP/BACK" button to cancel erasing of all the frames (files). Some unprotected frames (files) will be left unerased.

- ⚡ Even if you stop the procedure immediately, some frames (files) will be erased.



DPOF stands for Digital Print Order Format and refers to a format that is used for recording printing specifications for images shot using a digital camera on media such as an **xD-Picture Card**. The recorded specifications include information on which frames are to be printed.

This section gives a detailed description of how to order your prints with the FinePix A345 / FinePix A350.

* Some printers do not support date and time imprinting or specification of the number of prints.

* The warnings shown below may appear while specifying the prints.

DPOF SPECIFIED. ERASE OK ?

DPOF SPECIFIED. ERASE ALL OK ? (⇒P.37)

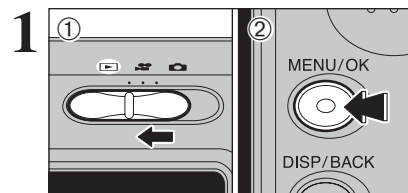
When erasing the image, the DPOF setting for that image is deleted at the same time.

RESET DPOF OK ? (⇒P.39)

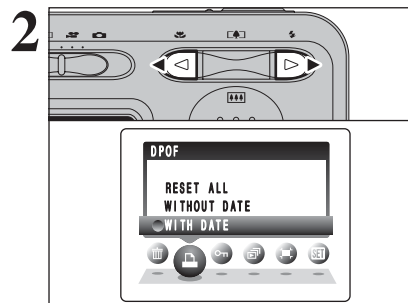
When inserting an **xD-Picture Card** that contains images specified for printing by another camera, those print specifications are all reset and replaced by the new print specifications.

DPOF FILE ERROR (⇒P.83)

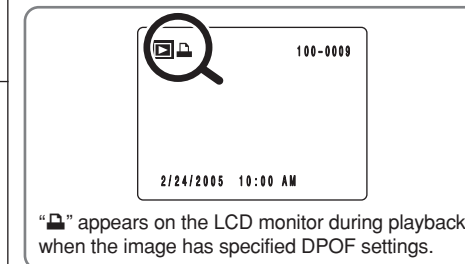
Up to 999 images can be specified on the same **xD-Picture Card**.



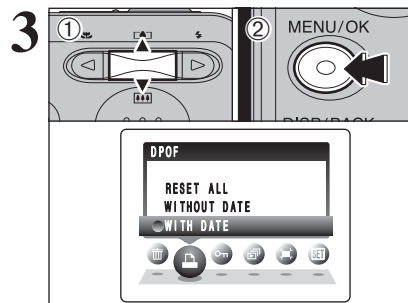
- ① Set the Mode switch to "D".
- ② Press the "MENU/OK" button to display the menu on the LCD monitor.



Press "◀" or "▶" to select "DPOF".



"DPOF" appears on the LCD monitor during playback when the image has specified DPOF settings.



- ① Press "▲" or "▼" to select "WITH DATE" or "WITHOUT DATE". Selecting "WITH DATE" will cause the date to be imprinted on your prints.
- ② Press the "MENU/OK" button.

When selecting the "WITH DATE" setting, the date is imprinted on your shots using the Print Service or a DPOF-compatible printer (depending on the printer specifications, the date may not be printed in some cases).

◆ When DPOF settings were specified on another camera ◆

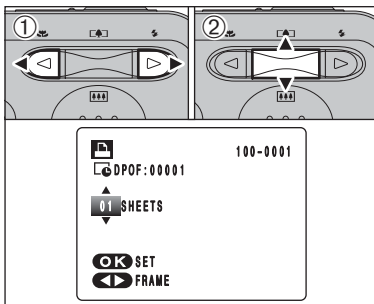


When the data includes a frame (file) with DPOF settings that were specified on another camera, "RESET DPOF OK?" appears.

Pressing the "MENU/OK" button erases all of the DPOF settings already specified for each frame (file). Specify the DPOF setting for each frame (file) again.

Press the "DISP/BACK" button to leave the previous settings unchanged.

4



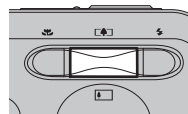
① Press “◀” or “▶” to display the frame (file) for specifying DPOF settings.

② Press “▲” or “▼” to set a value up to 99 as the number of copies of the frame (file) to be printed. For frames (files) that you do not want printed, set the number of prints to 0 (zero).

To specify more DPOF settings, repeat steps ① and ②.

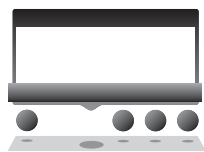
● Prints of up to 999 frames (files) can be ordered on the same **xD-Picture Card**.

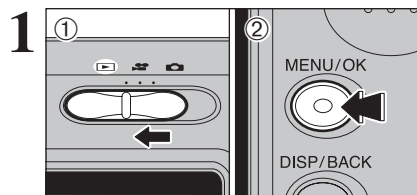
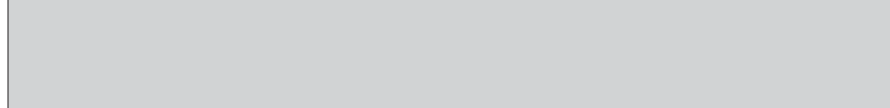
● DPOF settings cannot be specified for movie.



3

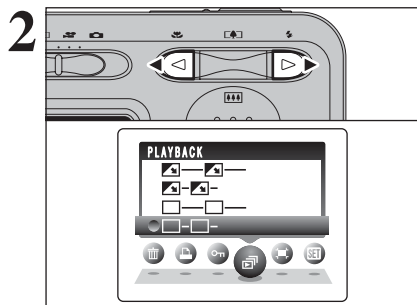
Advanced Features



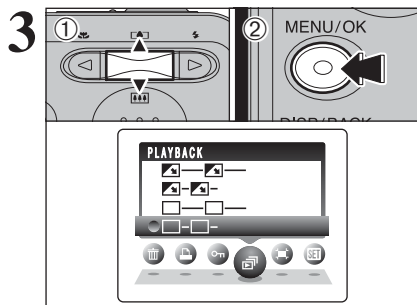


- ① Set the Mode switch to "PLAYBACK".
- ② Press the "MENU/OK" button to display the menu on the LCD monitor.

⚠ The Power save function does not operate during playback.
⚠ Movie starts automatically. When the movie ends, the playback function moves it on.

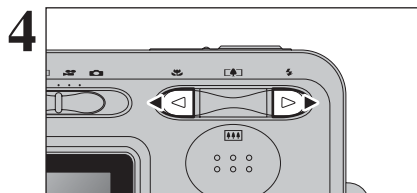


Press "◀" or "▶" to select "PLAYBACK".



- ① Press "▲" or "▼" to select the playback interval and the type of image transition.
- ② Press the "MENU/OK" button. The image frames are advanced and played back.
To interrupt "PLAYBACK", press "▲" (or "MENU/OK" button).

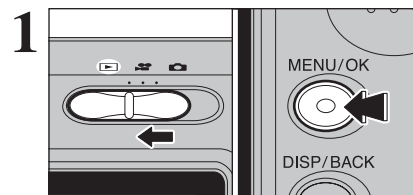
⚠ Press the "DISP/BACK" button once during playback to display the playback frame number and on-screen help.



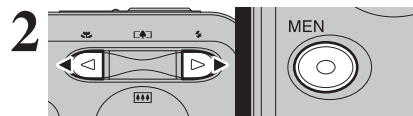
Press "◀" or "▶" to advance or go back through the images.



PLAYBACK MENU TRIMMING

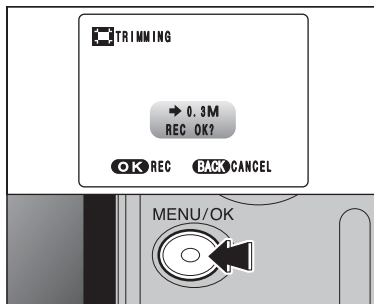


- ① Set the Mode switch to "PLAYBACK".
- ② Press the "MENU/OK" button to display the menu on the LCD monitor.



- ① Press "◀" or "▶" to select "TRIMMING".
- ② Press the "MENU/OK" button.

5



Check the saved image size and press the "MENU/OK" button. The trimmed image is added as a separate file in the final frame.

■ Image Sizes (FinePix A345)

2M	Printing at up to 4R (10.2 × 15.2 cm/4 × 6 in.) / A6 size
1M	Printing at up to 3R (8.9 × 12.7 cm/3.5 × 5 in.) size
03M	To use for e-mail or web site

■ Image Sizes (FinePix A350)

3M	Printing at up to 6R (15.2 × 20.3 cm/6 × 8 in.) / A5 size
2M	Printing at up to 4R (10.2 × 15.2 cm/4 × 6 in.) / A6 size
03M	To use for e-mail or web site

● Specifications

Motion JPEG with monaural sound

● Quality selection method





320 (320 × 240 pixels)

160 (160 × 120 pixels)

● Frame rate

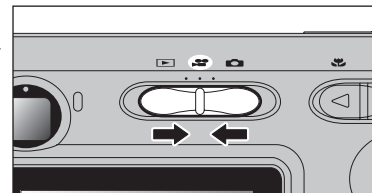
15 frames per second

See P.90 for information on the frame rate.

-  See P.49. for information on changing the quality mode.
-  The available recording time for a movie may decrease depending on the amount of free space on the **xD-Picture Card**.
-  See P.48 for the available recording time with **xD-Picture Cards**.
-  You cannot turn the LCD monitor off in this mode.

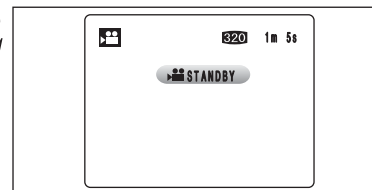
It may not be possible to playback your movies on other cameras.

1




Set the Mode switch to "Movie".
Use "Movie" mode to record movies with sound.

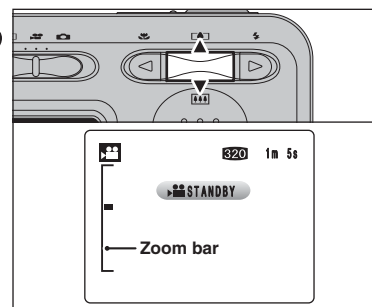
2



The available recording time and "STANDBY" appear on the LCD monitor.

-  Because sound is recorded concurrently with the images, make sure that you do not cover the microphone with a finger, etc. (→P.8).

3



Press "[ZOOM] (▲)" or "[ZOOM] (▼)" to zoom in or out before recording. You must zoom beforehand as you cannot zoom during recording.

● Optical zoom focal length (35 mm camera equivalent)

Approx. 35 mm to 105 mm

Max. zoom scale: 3×

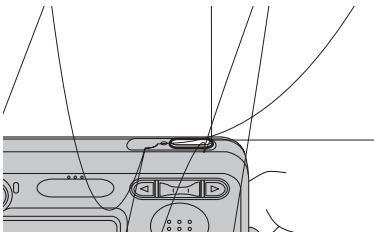
● Focal range

Approx. 60 cm (2.0 ft.) to infinity

3

Advanced Features

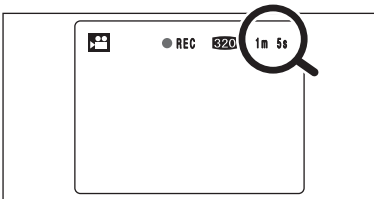
4



Press the shutter button down fully to start recording.

- The brightness and color of the LCD monitor shown during movie recording may differ from those shown before recording begins.
- There is no need to hold down the shutter button.

5

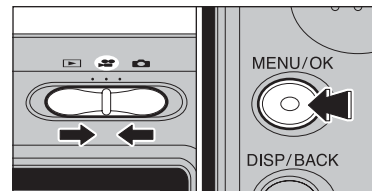


A counter appears in the top-right corner of the LCD monitor during recording. It shows the remaining time.

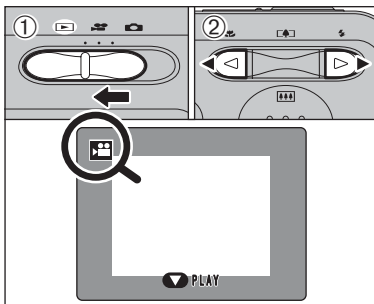
- If the brightness of the subject changes during movie recording, the sound of lens operation may be recorded.
- Some wind noise may be recorded in shots taken outdoors.
- When the remaining time runs out, recording ends and the movie is saved onto the **xD-Picture Card**.

Press the shutter button during recording. Recording ends and the movie is stored on the **xD-Picture Card**.

- If recording is stopped immediately after it begins, 1 second of movie is recorded onto the **xD-Picture Card**.



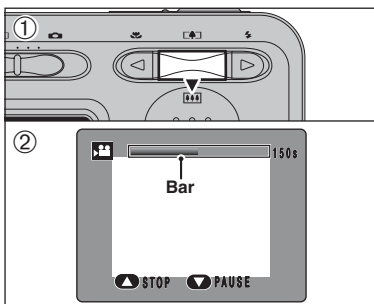
1



- ① Set the Mode switch to "MOVIE".
- ② Press "◀" or "▶" to select the movie file.

⚠ Movies cannot be played back using multi-frame playback. Press the "DISP/BACK" button to select single-frame playback.

2

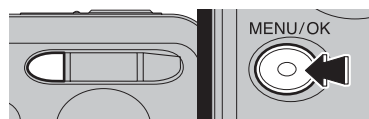


- ① Press "▶" to play the movie.
- ② The playback time appears on the LCD monitor along with a progress bar.

⚠ Take care not to block the speaker.

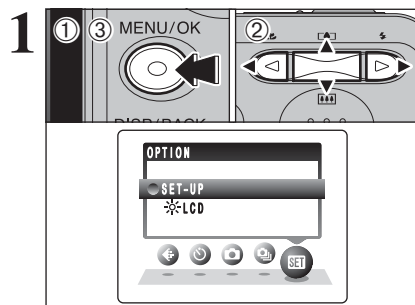
⚠ When the sound is difficult to hear, adjust the volume (➡P.51).

⚠ If the subject of the shot is very bright, white vertical streaks or black horizontal streaks may appear in the image during playback. This is normal.



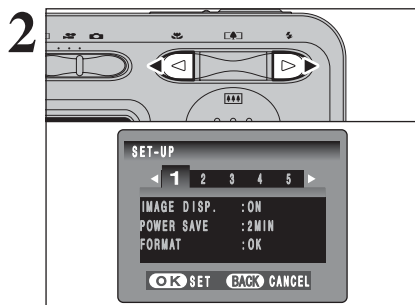
SET-UP

■ USING THE SET-UP SCREEN

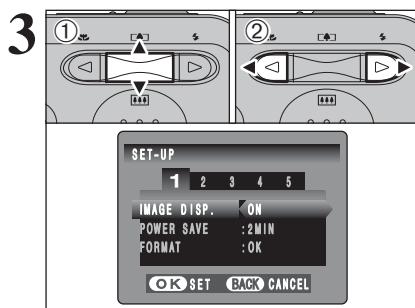


- ① Press the "MENU/OK" button to display the menu on the LCD monitor.
- ② Press "◀" or "▶" to select "SET-UP" OPTION and then press "▲" or "▼" to select "SET-UP".
- ③ Press the "MENU/OK" button to display the "SET-UP" screen.

Always turn the camera off when replacing the batteries. Opening the battery cover or disconnecting the AC power adapter without turning the camera off may cause the camera settings to revert to the factory default values set at shipment.



Press "◀" or "▶" to move to options 1 to 5.



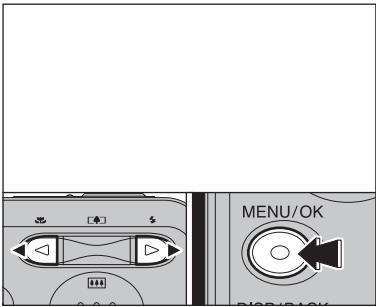
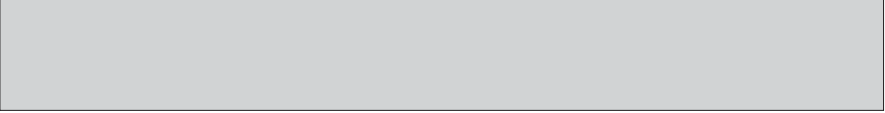
- ① Press "▲" or "▼" to select a menu option.
 - ② Press "◀" or "▶" to change the setting.
- Press "▶" for "FORMAT", "DATE/TIME", "TIME DIFFERENCE", "DISCHARGE" or "RESET".

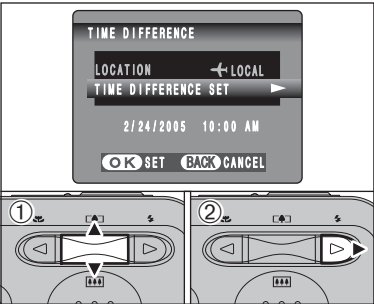


After you have changed the settings, press the "MENU/OK" button to confirm the changes.

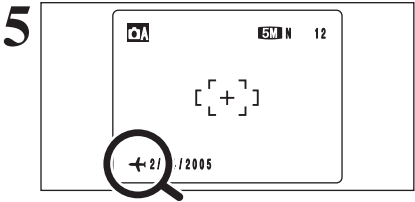
■ SET-UP menu options

	Settings	Display	Factory default	Explanation	page
1	IMAGE DISP.	ON/OFF	ON	Specifies whether the preview images (the photographed images) appear after taking a picture. The image appears for a few moments and is then recorded.	–
	POWER SAVE	2 MIN/5MIN	2 MIN	Reduces the camera's power consumption and sets the time when camera turns off.	54
	FORMAT	OK	–	Erases all files.	54
2	DIGITAL ZOOM	ON/OFF	OFF	Specifies whether digital zoom is used in combination with optical zoom.	55
	BEEP	LOW/HIGH/OFF	LOW	Sets the volume of the tone emitted when the camera controls are used.	–
	SHUTTER	LOW/HIGH/OFF	LOW	Sets the volume of the sound emitted when the shutter operates.	–
3	LCD	ON/OFF	ON	Specifies whether the LCD monitor is ON or OFF when the camera is turned on in Photography mode.	–
	DATE/TIME	SET	–	Corrects the date or time.	13
	TIME DIFFERENCE	SET	–	Specifies the time difference settings.	56
4	FRAME NO.	CONT./RENEW	CONT.	Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.	57
	USB MODE			⇄: DSC (Mass storage device) mode Provides a simple way to read images from an xD-Picture Card and store images onto an xD-Picture Card . ⇄: PictBridge If a printer that supports PictBridge is available, images can be printed by connecting the camera directly to the PictBridge-compatible printer without using a PC.	70 67
	言語/LANG.	日本語/ENGLISH/ FRANCAIS/DEUTSCH/ ESPANOL/ITALIANO/中文	ENGLISH	Specifies the language used for LCD monitor display.	14
	VIDEO SYSTEM	NTSC/PAL	–	Specifies whether video output is set to NTSC or PAL.	–
5	DISCHARGE	OK	–	Discharges Ni-MH batteries.	80
	RESET	OK	–	Resets all the camera settings (other than the DATE/TIME, TIME DIFFERENCE, LANG. and VIDEO SYSTEM) to the factory default values set at shipment. A confirmation message appears when you press "". To reset the camera settings, press the "MENU/OK" button again.	–





- ① Press “▲” or “▼” to select “TIME DIFFERENCE”.
② Press “▶”.



When the Photography mode is selected with world time set, “+” appears on the LCD monitor for 3 seconds.

FRAME NO.

	< CONT. >	< RENEW >
A	0001 ⋮ 0005	0001 ⋮ 0005
B	0006 ⋮ 0010	0001 ⋮ 0005

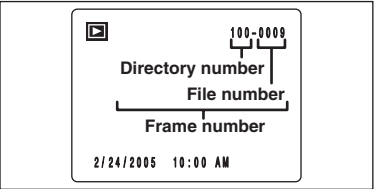
* Formatted **xD-Picture Card** used for both A and B.

Specifies whether frame numbers are assigned consecutively from previous numbers or begin again.

CONT.: Pictures are stored beginning from the highest file number stored on the last **xD-Picture Card** used.

RENEW: Pictures are stored on each **xD-Picture Card** beginning with a file number “0001”. Setting this function to “CONT.” makes file management easier as it makes sure that file names are not duplicated when images are downloaded to a PC.

- When the camera settings are “RESET”, the frame number setting (“CONT.” or “RENEW”) is changed to “CONT.” and the frame number itself does not return to “0001”.
- When the **xD-Picture Card** already contains image files with file numbers higher than the highest file number on the last **xD-Picture Card**, images are stored beginning from the highest file number on the current **xD-Picture Card**.



Check the file number by viewing the image. The last 4 digits of the 7-digit number in the top right corner of the LCD monitor are the file numbers, while the first 3 digits show the directory number.

- When changing the **xD-Picture Card**, always turn the camera off before opening the battery cover. Opening the battery cover without turning the camera off may cause the frame number memory to not function.
- File number runs from 0001 to 9999. Once 9999 is exceeded, the directory number changes from 100 to 101. The maximum number is 999-9999.
- The displayed frame number may differ for images photographed on other cameras.
- When “[FRAME NO. FULL]” appears, see P.82.

Pre-installation checklist

■ Hardware and software requirements

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Operating System* ¹	Windows 98 (including the Second Edition) Windows Millennium Edition (Windows Me) Windows 2000 Professional* ² Windows XP Home Edition* ² Windows XP Professional* ²
CPU	200 MHz Pentium or better recommended (800 MHz Pentium III or better recommended for Windows XP)
RAM	64 MB minimum (128 MB minimum for Windows XP), 256 MB or better recommended
Hard disk space	Amount required for installation: 450 MB minimum Amount required for operation: 600 MB minimum
Display	800 × 600 pixels or better, 16-bit color or better
Internet connection* ³	<ul style="list-style-type: none"> To use FinePix Internet Service or mail attachment function: An Internet connection and e-mail transmission software is needed Connection speed: 56 k or better recommended

*¹ Models with one of the above operating systems pre-installed.

*² When you install the software, log in using a system administrator account (e.g. "Administrator").

*³ Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

◆ Notes ◆

- Connect the camera directly to the PC using the USB cable (mini-B). The software may not operate correctly when you use an extension cable or connect the camera via a USB hub.
- When your PC has more than one USB port, the camera can be connected to either port.
- Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
- Additional USB interface board is not guaranteed.
- Windows 95 and Windows NT cannot be used.
- Operation is not guaranteed on home-built PCs or on PCs running updated operating system software.
- When you reinstall or remove FinePixViewer, the Internet menu and your user ID and password for the FinePix Internet Service are deleted from your PC. Click the [Register now] button, enter your registered user ID and password and download the menu again.

Do not connect the camera to your PC until the software installation is completed.

- 1 Install FinePixViewer as instructed in the Quick start guide.

◆ Launching the installer manually ◆

- ① Double-click the "My Computer" icon.
* Windows XP users should click "My Computer" in the "Start" menu.
- ② Right-click "FINEPIX" (CD-ROM drive) in the "My Computer" window and select "Open".
- ③ Double-click "SETUP" or "SETUP.exe" in the CD-ROM window.



SETUP



SETUP.exe

* The way file names are displayed differs as described below depending on your PC settings.

- File extensions (3-letter suffixes indicating the file type) may be shown or hidden (e.g. Setup.exe or Setup).
- Text may be shown normally or all in uppercase (e.g. Setup or SETUP).

- 2 After restarting the PC, install DirectX as directed by the on-screen instructions and then restart your PC again. If the latest version of DirectX is already installed on your PC, this installation is not performed.

- ⚡ If the latest version is already installed, this window does not appear.
- ⚡ Do not remove the CD-ROM during this procedure.

- 3 After restarting the PC, a message appears stating the "Installation of the FinePixViewer has been completed".

5.2 INSTALLATION ON A Mac OS 9.2

Pre-installation checklist

■ Hardware and software requirements

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Compatible Mac	Power Macintosh G3*1, PowerBook G3*1, Power Macintosh G4, iMac, iBook, Power Macintosh G4 Cube or PowerBook G4
Operating System	Mac OS 9.2.2*2
RAM	64 MB minimum*3, 256 MB or better recommended
Hard disk space	Amount required for installation: 400 MB minimum Amount required for operation: 600 MB minimum
Display	800 × 600 pixels or better, at least 32,000 colors
Internet connection*4	<ul style="list-style-type: none"> To use the FinePix Internet Service or mail attachment function. An Internet connection and e-mail transmission software is needed Connection speed: 56 k or better recommended

*1 Models with a USB port as a standard feature

*2 This software does not run correctly in the Mac OS X Classic environment.

*3 Turn virtual memory on if necessary.

*4 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

◆ Notes ◆

- Connect the camera directly to the Macintosh using the USB cable (mini-B). The software may not operate correctly if you use an extension cable or connect the camera via a USB hub.
- Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
- Additional USB interface board is not guaranteed.

1 Turn on your Macintosh and start up Mac OS 9.2.2.

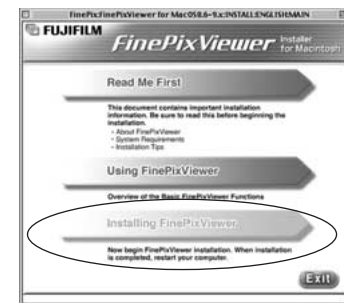
Do not connect the camera to your Macintosh until the software installation is completed.

2 When the bundled CD-ROM is loaded into the CD-ROM drive, the [FinePix] volume appears. Double-click the volume icon to open the volume window.

3 Double-click "Installer for MacOS9" to launch the Installer.

4 The Installer setup screen appears. Click the [Installing FinePixViewer] button.

For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.

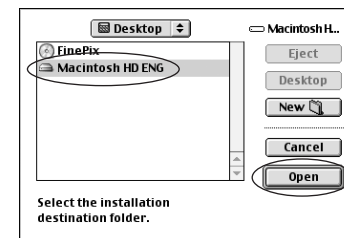


5 A confirmation message appears asking whether you want to continue with the installation. Click the [OK] button.

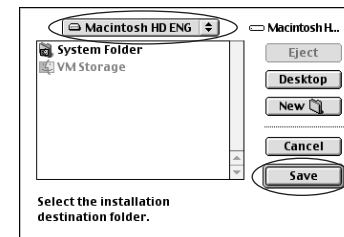
6 The User License Agreement for this software appears. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Agree] button. If you click the [Disagree] button, the software is not installed.

7 Select the installation destination for FinePixViewer.

① Click the [Open] button to open the installation destination folder.



② Click the [Save] button.



5.3 INSTALLATION ON A Mac OS X

1 Turn your Macintosh on and start up Mac OS X. Do not launch any other applications.

2 When the bundled CD-ROM is loaded into the CD-ROM drive, the "FinePix" icon appears. Double-click the "FinePix" icon to open the "FinePix" volume window.



3 Double-click on "Installer for MacOSX".

4 The Installer setup dialog appears. Click the [Installing FinePixViewer] button.

For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.



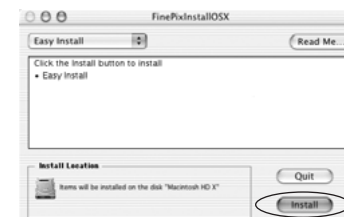
5 The "Authenticate" dialog appears. Enter the name and password for the administrator account and then click the [OK] button.*

* The administrator account is the user account used for Mac OS X installation and you can confirm the user account in the Accounts dialog in the System Preferences.

6 The "License" dialog appears. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Accept] button.

7 The "Read me" dialog appears. Click the [Continue] button.

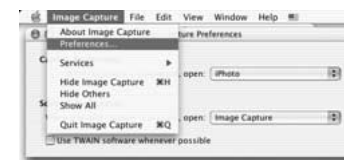
8 The "FinePixInstallOSX" window appears. Click the [Install] button to install FinePixViewer and RAW FILE CONVERTER LE.



9 The "FinePixViewer installation completed" message dialog appears. Then click exit button and close it.

10 Launch "Image Capture" from the "Applications" folder.

11 Change the Image Capture settings. Select "Preferences..." from the "Image Capture" menu.



12 Select "Other..." from "When a camera is connected, open".

13 Select "FPVBridge" from "FinePixViewer" folder in the "Applications" folder and click the [Open] button.



14 Select "Quit Image Capture" menu in the "Image Capture" menu.

6.1.1 Using the AC power adapter

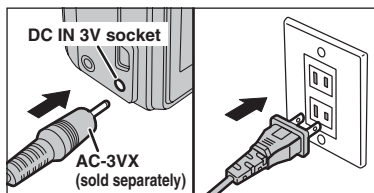
Always use the FUJIFILM "AC Power Adapter AC-3VX" (sold separately) (➡P.77).

Use the AC power adapter to prevent losing power at inconvenient times, such as when downloading photographed images to your PC. You can take pictures and play back images without worrying about depleting the batteries.

① See P.79 for notes on using the AC power adapter.

② Only connect or disconnect the AC power adapter when the camera is off.

Connecting or disconnecting the AC power adapter while the camera is on temporarily interrupts the power supply to the camera, so that images or movies being shot are not recorded. Failing to turn the camera off first can also result in damage to the xD-Picture Card or malfunctions during PC connection.



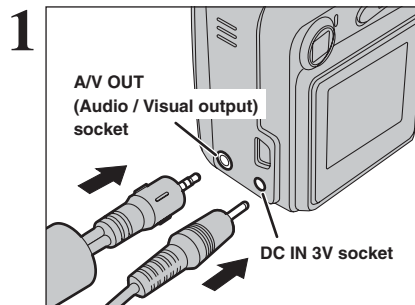
Check that the camera is off. Plug the AC power adapter connector into the "DC IN 3V" socket and then plug the AC power adapter into the power outlet.

① The socket-outlet shall be installed near the equipment and shall be easily accessible.

② The shape of the plug and socket-outlet depends on the country of use.

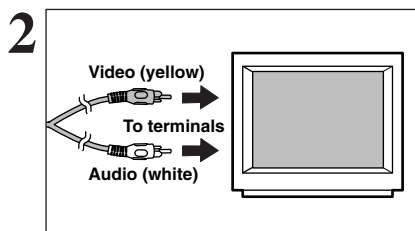
Do not connect the AC power adapter to charge the AA-size Ni-MH (nickel-metal hydride) batteries. Use the optional charger (➡P.77) to charge the Ni-MH batteries.

6.1.2 Connecting to a TV



Turn off the camera and TV. Plug the A/V cable (included) into the "A/V OUT" (Audio/Visual output) socket.

① When there is a power outlet available, connect the AC Power Adapter AC-3VX.



Plug the other end of the cable into the video/audio input socket on the TV. Then turn the camera and TV on and take pictures or play back images normally.

① When connecting the A/V cable to TV, the LCD monitor is turned off.

② Refer to the instructions provided with your TV for more information on video/audio input for your TV.

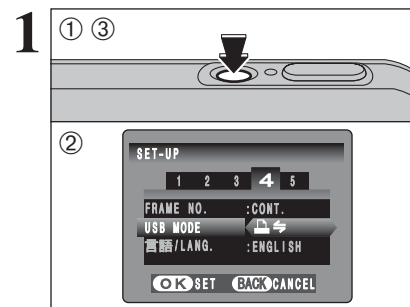
③ The image quality for movie playback is lower than for still images.

6.2 CONNECTING THE CAMERA DIRECTLY TO THE PRINTER
— PictBridge FUNCTION

When a printer that supports PictBridge is available, images can be printed by connecting the camera directly to the PictBridge-compatible printer without using a PC.

① In PictBridge function, images photographed on other than a camera may not be printed.

6.2.1 Specifying images for printing on the camera

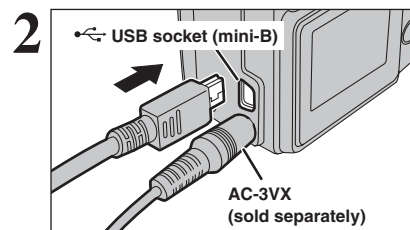


① Press the "POWER" button to turn the camera on.

② Select "USB MODE" in the "SET-UP" menu (➡P.52).

③ Press the "POWER" button to turn the camera off.

① Do not connect to a PC when the "USB MODE" setting is set to "CONT.". See P.85 if you connect to a PC by mistake.



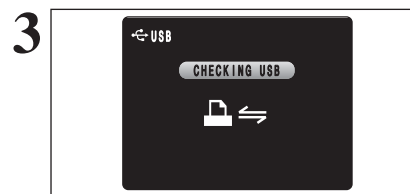
① Connect the camera to the printer using the USB cable (mini-B).

② Turn the printer on.

① The camera cannot be used to specify printer settings such as the paper size and print quality.

② Please connect the AC Power Adapter AC-3VX (sold separately) to your camera.

③ Use an xD-Picture Card that was formatted on the camera.



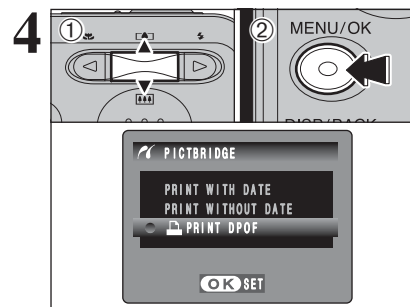
① Set the Mode switch to "P".

② Press the "POWER" button to turn the camera on.

"CHECKING USB" appears and then the menu is displayed on the LCD monitor.

① If the menu does not appear, check whether the "USB MODE" setting is "CONT".

② Depending on the printer, some functions are disabled.



① Press "▲" or "▼" to select "PRINT DPOF".

② Press the "MENU/OK" button.

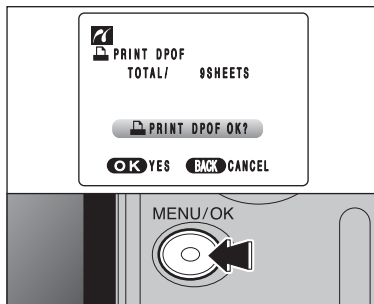
① When "NOT SET DPOF" appears, the DPOF settings are not specified.

② To use DPOF printing, the DPOF settings must be specified on FinePix A345 / FinePix A350 beforehand (➡P.39).

③ Even when "WITH DATE" is specified in the DPOF settings, the date is not inserted on printers that do not support date printing.

6.2 CONNECTING THE CAMERA DIRECTLY TO THE PRINTER — PictBridge FUNCTION

5

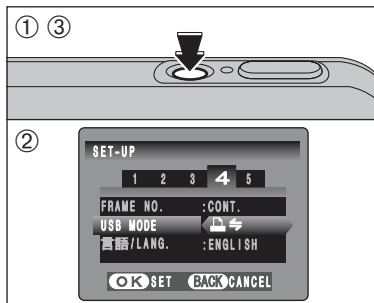


Press the "MENU/OK" button to download the data to the printer and print the frames specified in the DPOF settings.

Press the "DISP/BACK" button to cancel the printing. Depending on the printer, the printing may not be canceled immediately or printing may stop midway through. When printing stops midway, briefly turn the camera off and then on again.

6.2.2 Specifying images for printing without using DPOF (single-frame printing)

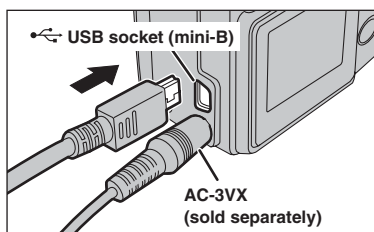
1



- ① Press the "POWER" button to turn the camera on.
- ② Select "P.52" in "USB MODE" in the "SET-UP" menu (→P.52).
- ③ Press the "POWER" button to turn the camera off.

Do not connect to a PC when the "USB MODE" setting is set to "P.52". See P.85 if you connect to PC by mistake.

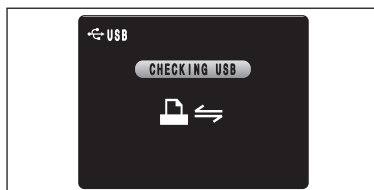
2



- ① Connect the camera to the printer using the USB cable (mini-B).
- ② Turn the printer on.

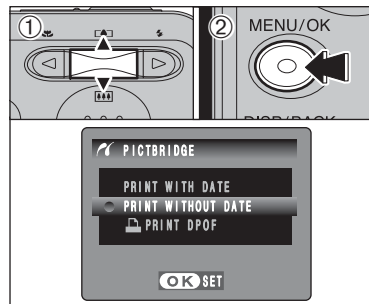
The camera cannot be used to specify printer settings such as the paper size and print quality.
Please connect the AC Power Adapter AC-3VX (sold separately) to your camera.
Use an xD-Picture Card that was formatted on the camera.

3



- ① Set the Mode switch to "P".
 - ② Press the "POWER" button to turn the camera on.
- "CHECKING USB" appears and then the menu is displayed on the LCD monitor.
- If the menu does not appear, check whether the "USB MODE" setting is "P.52".
Depending on the printer, some functions are disabled.

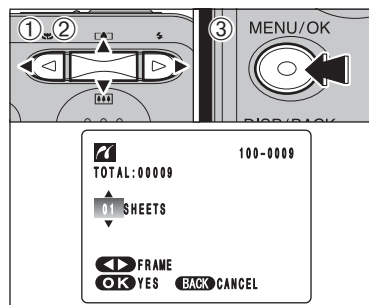
4



- ① Press "▲" or "▼" to select "PRINT WITH DATE" or "PRINT WITHOUT DATE". If "PRINT WITH DATE" is selected, the date is imprinted on your prints.
- ② Press the "MENU/OK" button.

"PRINT WITH DATE" is not available when the camera is connected to a printer that does not support date printing.

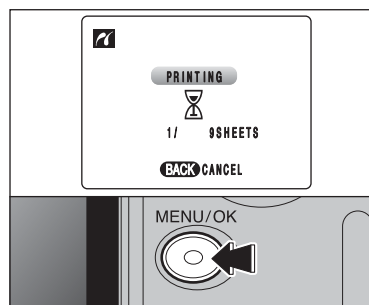
5



- ① Press "◀" or "▶" to display the frame (file) for which you want to specify PRINT settings.
- ② Press "▲" or "▼" to set a value up to 99 as the number of copies of the frame (file) to be printed. For frames (files) that you do not want printed, set the number of prints to 0 (zero). To specify more PRINT settings, repeat steps ① and ②.
- ③ Always press the "MENU/OK" button after the settings are completed.

Movie images cannot be printed.

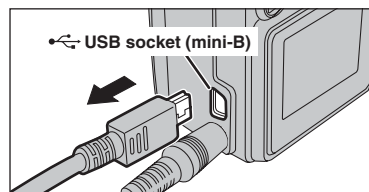
6



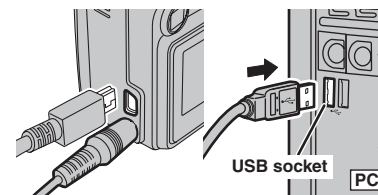
Press the "MENU/OK" button to download the data to the printer and start printing the specified number of prints.
To end printing, press the "DISP/BACK" button.

Press the "DISP/BACK" button to cancel the printing. Depending on the printer, the printing may not be canceled immediately or printing may stop midway through. When printing stops midway, briefly turn the camera off and then on again.

6.2.3 Disconnecting the printer



- ① Check that "PRINTING" is not displayed on the camera's LCD monitor.
- ② Turn the camera off. Unplug the USB cable (mini-B).



6.3 CONNECTING TO A PC

3 Set a PC

Windows 98 / 98 SE / Me / 2000 Professional / Macintosh

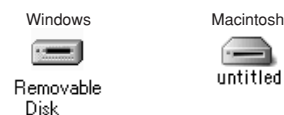
The Windows CD-ROM may also be required during installation. In this event, change CD-ROMs as directed by the on-screen instructions.

- FinePixViewer automatically starts up and the Save Image Wizard window (Save Image dialog box) appears. Follow the instructions provided on screen to save the images at this point. To proceed without saving the images, click the [Cancel] button.



* Screen for Windows 98 SE

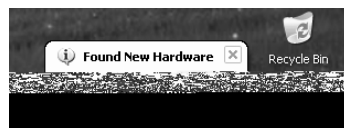
- A removable disk icon appears and you can use your PC to transfer files to and from the camera.



If the above operations do not occur, you do not have the required software programs or drivers installed on your PC. Complete the required PC setup procedures. Then reconnect the camera to your PC.

Windows XP

- The "Found New Hardware" help message appears in the bottom-right corner of your screen. This message will close when the settings are completed. No action is required.



This step is not required for subsequent connections.

- Specify the settings in the "AutoPlay" dialog box.

- When FinePixViewer is included in the list of actions to perform**
Select "Viewing images using FinePixViewer" and then select the "Always do the selected action" checkbox. This checkbox may not be shown in some cases. Click the [OK] button to launch FinePixViewer.

- When FinePixViewer is not included in the list of actions to perform**
Select "Take no action" and then select the "Always do the selected action" checkbox. This checkbox may not be shown in some cases. Click the [OK] button and launch FinePixViewer manually.

- A new removable disk icon appears in the "My Computer" window. FinePixViewer automatically starts up and the Save Image Wizard window (Save Image dialog box) appears. Follow the instructions provided on screen to save the images at this point. To proceed without saving the images, click the [Cancel] button.

◆ Regarding the icons ◆

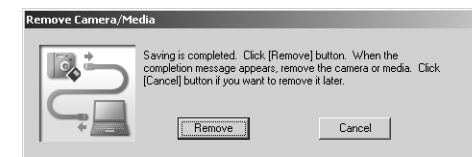
The next time you connect the camera, the removable disk drive icon's name changes to the "FinePix" icon and name.

Proceed to "USING FinePixViewer" on P.74.

6.3.2 Disconnecting the camera

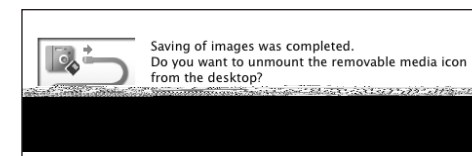
1 Windows

Once the image has been saved, the "Remove Camera/Media" window appears (Save Image Wizard Windows). To disconnect the camera, click the [Remove] button.

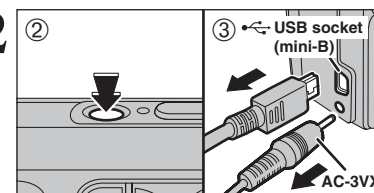


Macintosh

Once the image has been saved, the "Remove camera/media" window appears (Save Image dialog box). To disconnect the camera, click the [OK] button.



2



- When the "It is now safe to disconnect the camera" message appears, click the [OK] button and disconnect the camera.
- Press the "POWER" button to turn the camera off.
- Unplug the USB cable (mini-B) from the camera.

6.4 USING FinePixViewer

6.4.1 Mastering FinePixViewer

For all information on FinePixViewer functions, refer to “How to Use FinePixViewer” in the Help menu for details.

◆ Macintosh ◆

● To read “How to Use FinePixViewer”...

You must install Adobe Systems' Acrobat Reader. See P.62 for information on installing Acrobat Reader.

For more information on using Acrobat Reader, refer to the Acrobat Reader “Help” menu.

● What is explained in “How to Use FinePixViewer”...

“How to Use FinePixViewer” covers a range of topics, including batch processing and ordering prints.

■ Example: Looking up slide shows

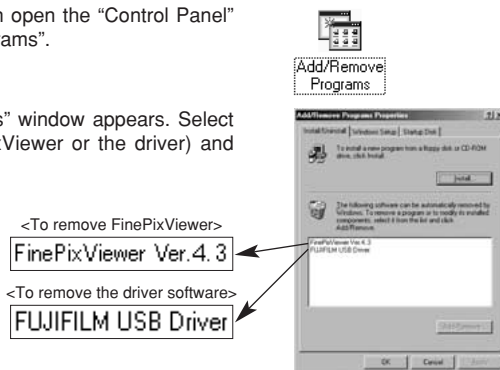
- ① Click “How to Use FinePixViewer” in the FinePixViewer Help menu.
- ② Click “Basic Operation” and then click “Basic Slide Show Operations” in the menu that appears.
- ③ The “Basic Slide Show Operations” information appears. Press the “<<<” key to view the previous page or the “>>>” key to view the next page.

6.4.2 Uninstalling the software

Only perform this operation when you no longer require the installed software or when the software was not installed correctly.

Windows

- ① Check that the camera is not connected to the PC.
- ② Quit all currently running applications.
- ③ Open the “My Computer” window. Then open the “Control Panel” and double-click on “Add/Remove Programs”.
- ④ The “Add/Remove Programs Properties” window appears. Select the software to be uninstalled (FinePixViewer or the driver) and then click the [Add/Remove] button.



- ⑤ When the message appears, click the [OK] button. Check your selection carefully since the process cannot be cancelled once you click the [OK] button.



- ⑥ Automatic uninstallation begins. When uninstallation ends, click the [OK] button.

Macintosh

Mac OS 9.2

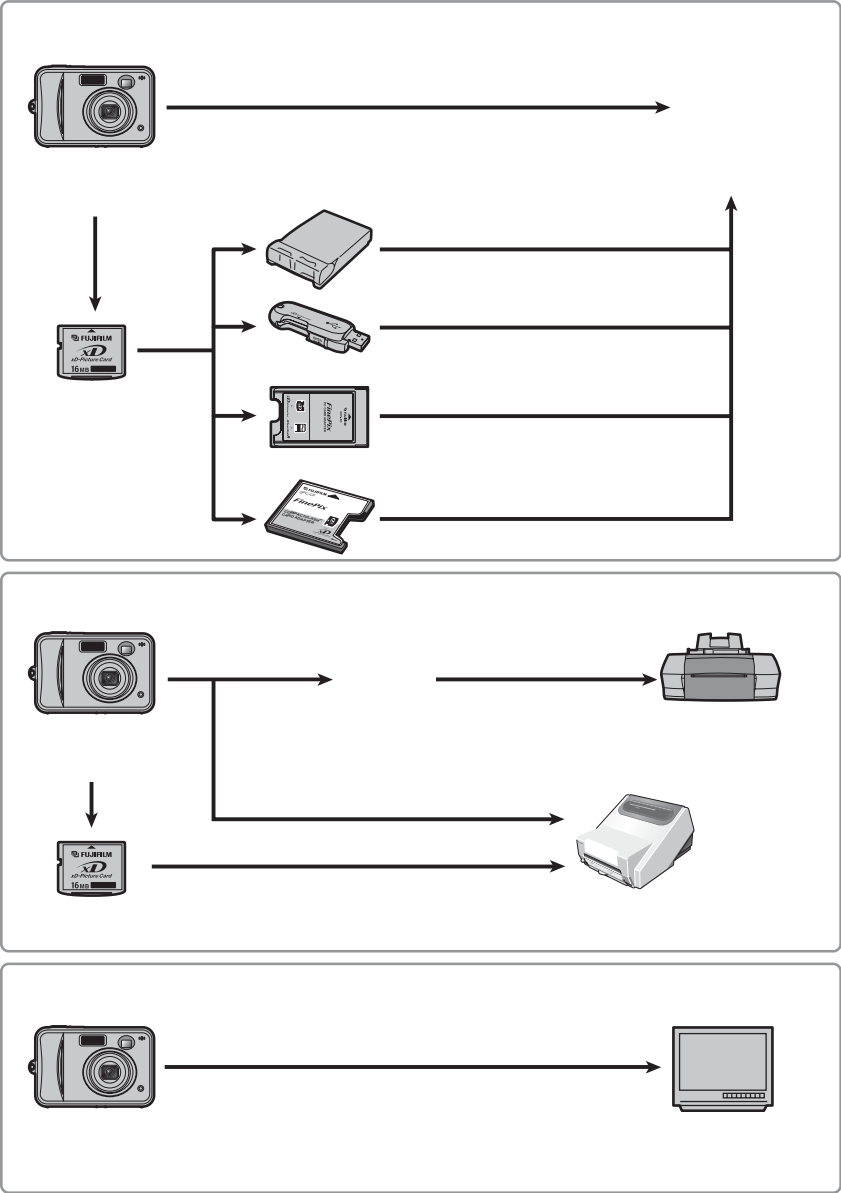
■ Uninstalling Exif Launcher, FinePixViewer

- ① After you have quit Exif Launcher in “Exif Launcher Settings” in the FinePixViewer “Settings” menu, move the Exif Launcher file from the “Startup Items” folder in the System folder to the Trash. Then select “Empty Trash” in the “Special” menu.
- ② After you have exited FinePixViewer, drag the installed FinePixViewer folder to the Trash. Then click “Empty Trash” in the “Special” menu.

Mac OS X

■ Uninstalling FinePixViewer

Quit FinePixViewer. Then drag the installed FinePixViewer folder to the Trash and select “Empty Trash” in the “Finder” menu.



Using Your Camera Correctly

- Read this information and the “Safety Notes” (➡P.91), to make sure you use your camera correctly.

■ Places to Avoid

Do not store or use the camera in the following types of locations:

- In the rain or in very humid, dirty or dusty places
- In direct sunlight or in places subject to extreme temperature rises, such as in a closed car in summer
- Extremely cold places
- Places with strong vibration
- Places with smoke or steam
- Places subject to strong magnetic fields (such as near motors, transformers or magnets)
- In contact with chemicals such as pesticides
- Next to rubber or vinyl products

■ Damaged by Water or Sand

The FinePix A345 / FinePix A350 can be damaged on the inside and outside by water and sand. When you are at the beach or close to water, make sure that the camera is not damaged by water or sand. Take care not to place the camera on a wet surface.

■ Damaged by Condensation

If the camera is carried from a cold location into a warm place, water droplets (condensation) may form on the inside of the camera or on the lens. When this occurs, turn the camera off and wait an hour before using the camera. Condensation may also form on the

xD-Picture Card. In this event, remove the **xD-Picture Card** and wait a short time.

■ When the Camera is Not Used or is stored Periods of Time

If you do not intend to use the camera for a long period of time, remove the batteries and the **xD-Picture Card**.

■ Cleaning Your Camera

- Use a blower brush to remove any dust on the lens, LCD monitor or viewfinder, and then gently wipe the camera with a soft, dry cloth. If any soil remains, apply a small amount of lens cleaning liquid to a piece of FUJIFILM lens cleaning paper and wipe gently.
- Do not scratch hard objects against the lens, LCD monitor or viewfinder.
- Clean the body of the camera with a soft, dry cloth. Do not use volatile substances or cleaning products these items can cause damage.

■ Using the Camera When Traveling

When traveling overseas, do not place your camera in the check-in baggage. Baggage can be subjected to violent shocks, and the camera may be damaged inside or outside.

- Do not use new with used batteries. Do not use charged and discharged batteries together.
- Do not use different types or brands of batteries at the same time.
- If you do not intend to use the camera for a long period of time, remove the batteries from the camera. Note if the camera is left with the batteries removed, the time and date settings are cleared.
- The batteries feel warm right after being used. Before removing the batteries, turn the camera off and wait for the batteries to cool down.
- Since batteries do not work well in cold weather or locations, warm the batteries by placing them inside your garments before use. Batteries do not work well when cold. They will work again when the temperature returns to normal.
- Soil (such as fingerprints) on the battery terminals makes the batteries charge less reducing the number of images. Carefully wipe the battery terminals with a soft dry cloth before loading.

⚠ If any liquid at all leaks from the batteries, wipe the battery compartment thoroughly and then load new batteries.

⚠ If any battery fluid comes into contact with your hands or clothing, flush the area thoroughly with water. Note that battery fluid can cause loss of eyesight if it gets into your eyes. If this occurs, do not rub your eyes. Flush the fluid out with clean water and contact your physician for treatment.

■ Disposing of Batteries

When disposing of batteries, do so in accordance with your local waste disposal regulations.

Using the AA-size Ni-MH Batteries correctly

- As a power source in digital cameras, AA-size Ni-MH batteries (referred to hereafter as Ni-MH batteries) are superior to alkaline batteries in several ways, such as allowing more shots to be taken with the camera. However, care must be taken with the way Ni-MH batteries are used if their original performance is to be maintained.
- Ni-MH batteries left unused in storage for long periods can become “deactivated”. Also, repeatedly charging Ni-MH batteries that are only partially discharged can cause them to suffer from the “memory effect”. Ni-MH batteries that are “deactivated” or affected by “memory” suffer from the problem of only providing power for a short time after being charged. To prevent this problem, discharge and recharge them several times using the camera’s “Discharging rechargeable batteries” function. By repeating this cycle several times, the temporary reduction in performance caused by “memory” or “deactivation” can be remedied and the batteries can be restored to their original performance levels. Deactivation and memory are specific to Ni-MH batteries and are not in fact battery faults. See P.80 for the procedure for “Discharging rechargeable batteries”.

Do not use the “Discharging rechargeable batteries” function when alkaline batteries being used.

- To charge Ni-MH batteries, use the quick battery charger (sold separately). Refer to the instructions supplied with the charger to make sure that the charger is used correctly.
- Do not use the battery charger to charge other batteries.
- Note that the batteries feel warm after being charged.
- Due to the way the camera is constructed, a small amount of current is used even when the camera is turned off. Note in particular that leaving Ni-MH batteries in the camera for a long period will overdischarge the batteries and may render them unusable even after recharging.
- Ni-MH batteries will self-discharge even when not used, and the time for which they can be used may be shortened as a result.
- Ni-MH batteries will deteriorate rapidly if overdischarged (e.g. by discharging the batteries in a flashlight). Use the “Discharging rechargeable batteries” function provided in the camera to discharge the batteries.
- Ni-MH batteries have a limited service life. If a battery can only be used for a short time even after repeated discharge-charge cycles, it may have reached the end of its service life.

AC Power Adapter

Always use the AC Power Adapter AC-3VX (sold separately). The use of an AC Power adapter other than AC-3VX can cause damage to your digital camera.

- Use AC power adapter for indoor use only.
- Plug the connection cord plug securely into the DC input terminal of the FUJIFILM Digital camera.
- Turn off the FUJIFILM Digital camera before disconnecting the cord from the FUJIFILM Digital camera’s DC input terminal. To disconnect, pull out the plug gently. Do not pull on the cord.
- Do not use the AC power adapter with any device other than your camera.
- During use, the AC power adapter will become hot to the touch. This is normal.
- Do not take apart the AC power adapter. Doing so could be dangerous.
- Do not use the AC power adapter in a hot and humid place.
- Do not subject the AC power adapter to strong shocks.
- The AC power adapter may emit a humming. But this is normal.
- If used near a radio, the AC power adapter may cause static. If this happens, move the camera away from the radio.

Power Supply and Batteries

Applicable Batteries

- In the camera, use AA-size alkaline or Ni-MH (nickel-metal hydride) batteries. Do not use AA-size manganese or nickel-cadmium (Ni-Cd) batteries in your FinePix A345 / FinePix A350 because the heat created by the batteries could damage the camera or cause it not to work.
- The life of alkaline batteries varies between brands. The life of batteries you purchase may be shorter than those provided with the camera.

Notes on the Batteries

Incorrect use of the batteries could cause them to leak, become hot, ignite or burst. Always observe the precautions given below.

- Do not heat the batteries or throw them into a fire.
- Do not carry or store batteries with metal objects such as necklaces or hairpins.
- Do not expose the batteries to water, and keep batteries from getting wet or stored in moist locations.
- Do not attempt to take apart or change the batteries, including battery casings.
- Do not subject the batteries to strong impacts.
- Do not use batteries that are leaking, deformed, discolored.
- Do not store batteries in warm or humid places.
- Keep the batteries out of reach of babies and small children.
- Make sure that the battery polarity (⊕ and ⊖) is correct.

Power Supply and Batteries

Procedure for discharging Ni-MH batteries

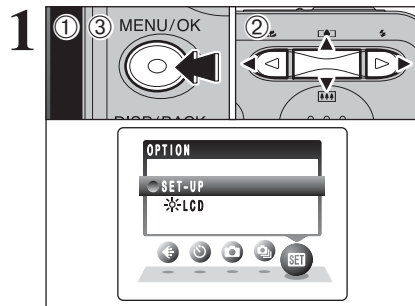
The “Discharging rechargeable batteries” function can only be used with Ni-MH batteries.

The “Discharging rechargeable batteries” function should not be used with alkaline batteries as it will completely drain the battery charge.

Use the “Discharging rechargeable batteries” function in the following situations:

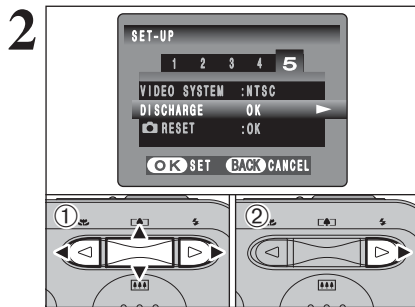
- When the batteries last for a short time after being charged normally
- When the batteries have not been used for a long period
- When you purchase new Ni-MH batteries

Do not use the “Discharging rechargeable batteries” function while using the AC power adapter. In these situations, the Ni-MH batteries will not be discharged due to the external power supply.

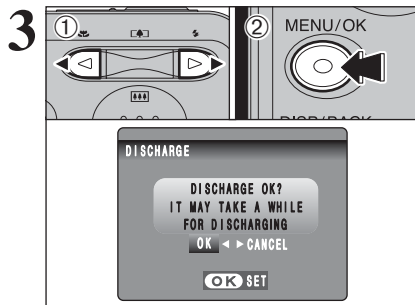


- 1 Press the “MENU/OK” button to display the menu on the LCD monitor.
- 2 Press “◀” or “▶” to select “SET-UP” and then press “▲” or “▼” to select “SET-UP”.
- 3 Press the “MENU/OK” button to display the “SET-UP” screen.

Do not use the procedure for discharging rechargeable batteries with alkaline batteries.



- 1 Press “◀” or “▶” to move to option 5 and then press “▲” or “▼” to select “DISCHARGE”.
- 2 Press “▶”.



- 1 Press “◀” or “▶” to select “OK”.
 - 2 Press the “MENU/OK” button.
- The screen changes and discharging begins. When the battery level indicator blinks red and discharging ends, the camera turns off.

To cancel discharging, press the “DISP/BACK” button.

Notes on the xD-Picture Card™

■ Image Memory Card

- This Image Memory Card is a new image recording media (xD-Picture Card) developed for digital cameras. The Image Memory Card consists of a semiconductor memory (NAND-type flash memory) to record digital image data. The recording process is electrically performed and enables erasure of existing image data as well as re-recording of new image data.
- When using a new Memory Card, or a Memory Card that has been formatted by a PC, be sure to format the card with your digital camera before using it.

■ Protecting Your Data

- Images and movies may be lost or destroyed in the following situations. Please note that FUJIFILM assumes no responsibility for data that is lost or destroyed.
 1. Removal of the memory card or turning the power off while the memory card is being accessed (i.e., during record, erase, initialization, and playback operations).
 2. Improper handling and use of the memory card by the user or third party.
- Save your important data to another media (i.e., MO disk, CD-R, hard disk, etc.).

■ Handling xD-Picture Card

- When storing xD-Picture Cards, make sure that they are kept out of the reach of children. An xD-Picture Card could be swallowed cause suffocation. If a child swallows an xD-Picture Card, seek medical attention or call emergency number right away.
- When inserting the xD-Picture Card into the camera, hold the xD-Picture Card straight as you push it in.
- Do not expose an xD-Picture Card to shock. Do not apply pressure, and avoid bending.
- Do not use or store xD-Picture Card in hot and humid places.
- Clean the xD-Picture Card with a soft dry piece of cloth when dirty.
- When carrying or storing an xD-Picture Card, keep it in the special protective case.
- The xD-Picture Card will work well for long time, but will sooner or later lose its ability to store and play back images or movies. If this happens replace it with a new xD-Picture Card.
- Never remove the xD-Picture Card or turn the camera off during data recording or erasing (xD-Picture Card formatting) as this could be damaged to the xD-Picture Card.
- The use of xD-Picture Cards is recommended with the FinePix A345 / FinePix A350. The recording quality cannot be guaranteed when xD-Picture Cards other than those manufactured by FUJIFILM are used.
- The xD-Picture Card may feel warm when it is removed from the camera after taking pictures. This is normal.
- Do not put labels on the xD-Picture Card. Peeling labels can cause the camera not to work properly.

■ Using xD-Picture Card with a PC




- When taking pictures using an xD-Picture Card that has been used on a PC, reformat the xD-Picture Card using your camera for best quality.
- When formatting an xD-Picture Card, a directory (folder) is created. Image data is then recorded in this directory.
- Do not change or delete the directory (folder) or file names on the xD-Picture Card because this will make it impossible to use the xD-Picture Card in your camera.
- Always use the camera to erase image data on an xD-Picture Card.
- To edit image data, copy the image data to the PC and edit the copy.

■ Specifications

Type	Image memory card for digital cameras (xD-Picture Card)
Memory type	NAND-type flash memory
Conditions for use	Temperature: 0°C to +40°C (+32°F to +104°F) Humidity: 80% max. (no condensation) 25 mm × 20 mm × 2.2 mm (0.98 in. × 0.79 in. × 0.09 in.) (W × H × D)
Dimensions	

Warning Displays

►The table below lists the warnings that are displayed on the LCD monitor.

Warning Displayed	Explanation	Remedy
 (Lit red)  (Blinking red)	The camera batteries are low or completely out of charge.	Load new or fully charged batteries.
	There is a strong likelihood of camera shake because the shutter speed is slow.	Use flash photography. However, use a tripod for some scenes and modes.
!AF	The AF (autofocus) cannot work effectively.	<ul style="list-style-type: none"> • If the image is too dark, take the picture at a distance of around 2 m (6.6 ft.) from the subject. • Use AF lock to take the picture.
	Outside the AE continuous range.	The picture can be taken, but the correct brightness (exposure) will not be obtained.
<div>FOCUS ERROR</div> <div>ZOOM ERROR</div>	Camera malfunction or fault.	<ul style="list-style-type: none"> • Turn the camera on again, taking care not to touch the lens. • Turn the camera off and on again. If the message still appears, contact your FUJIFILM dealer.
<div>NO CARD</div>	No xD-Picture Card is inserted.	Insert an xD-Picture Card .
<div>CARD NOT INITIALIZED</div>	<ul style="list-style-type: none"> • The xD-Picture Card is not formatted. • The xD-Picture Card contact area is soiled. • Camera fault. 	<ul style="list-style-type: none"> • Format the xD-Picture Card on the camera. • Wipe the contact area on the xD-Picture Card with a soft dry cloth. It may be necessary to format the xD-Picture Card. If the message still appears, replace the xD-Picture Card. • Contact your FUJIFILM dealer.
<div>CARD ERROR</div>	<ul style="list-style-type: none"> • The xD-Picture Card contact area is soiled. • The xD-Picture Card is damaged. • The xD-Picture Card format is incorrect. • Camera fault. 	<ul style="list-style-type: none"> • Wipe the contact area on the xD-Picture Card with a soft dry cloth. It may be necessary to format the xD-Picture Card. If the message still appears, replace the xD-Picture Card. • Contact your FUJIFILM dealer.
<div>CARD FULL</div>	The xD-Picture Card is full.	Erase some images or use an xD-Picture Card that has ample free space.
<div>FRAME NO. FULL</div>	The frame number has reached 999-9999.	<ol style="list-style-type: none"> ① Insert a formatted xD-Picture Card into the camera. ② Set "RENEW" as the "FRAME NO." setting in the "SET-UP" menu. ③ Start taking pictures (The frame number starts from "100-0001"). ④ Set "CONT." as the "FRAME NO." setting in the "SET-UP" menu.
<div>WRITE ERROR</div>	<ul style="list-style-type: none"> • The data could not be recorded due to an xD-Picture Card error or a connection error between the xD-Picture Card and camera. • The image cannot be recorded as it is too large to fit in the available space on the xD-Picture Card. 	<ul style="list-style-type: none"> • Re-insert the xD-Picture Card or turn the camera off and then on again. If the message still appears, contact your FUJIFILM dealer. • Use a new xD-Picture Card.
<div>READ ERROR</div>	<ul style="list-style-type: none"> • The played back file was not recorded correctly. • The xD-Picture Card contact area is soiled. • Camera fault. • An attempt was made to play a movie that was not recorded on this camera. 	<ul style="list-style-type: none"> • Images cannot be played back. • Wipe the contact area on the xD-Picture Card with a soft dry cloth. It may be necessary to format the xD-Picture Card. If the message still appears, replace the xD-Picture Card. • Contact your FUJIFILM dealer. • Movies cannot be played back.

Warning Displayed	Explanation	Remedy
<div>PROTECTED FRAME</div> <div>DP</div>	A protected file was encountered.	Protected files cannot be erased. Remove the protection.

Troubleshooting

► If you think the camera is faulty, check the following once more.

Troubleshooting	Possible causes	Solutions
No power.	<ul style="list-style-type: none"> The batteries have run out. The batteries are loaded backwards. The battery cover is not closed correctly. The AC power adapter plug has come out of the power outlet. 	<ul style="list-style-type: none"> Load new or fully charged batteries. Load the batteries in the correct direction. Close the battery cover correctly. Plug the adapter back in.
Power cuts out during operation.	The batteries have run out.	Load new or fully charged batteries.
Batteries run out quickly.	<ul style="list-style-type: none"> Camera is used in extremely cold conditions. The terminals are soiled. The batteries can no longer be recharged. The rechargeable batteries (if used) have become deactivated, or the battery capacity has diminished due to the memory effect. 	<ul style="list-style-type: none"> Put the batteries in your pocket or another warm place to heat them and then load them into the camera just before you take a picture. Wipe the battery terminals with a clean, dry cloth. Load new or fully charged batteries. Use the rechargeable battery discharging function to restore the rechargeable batteries to full capacity.
No photograph is taken when pressing the shutter button.	<ul style="list-style-type: none"> No xD-Picture Card is inserted. The xD-Picture Card is full. The xD-Picture Card is not formatted. The xD-Picture Card contact area is soiled. The xD-Picture Card is damaged. The Auto power off function has turned the camera off. The batteries have run out. 	<ul style="list-style-type: none"> Insert an xD-Picture Card. Insert a new xD-Picture Card or erase some unwanted frames. Format the xD-Picture Card on the camera. Wipe the xD-Picture Card contact area with a clean dry cloth. Insert a new xD-Picture Card. Turn the camera on. Load new or fully charged batteries.
Can't use the flash.	<ul style="list-style-type: none"> The shutter button was pressed while the flash was charging. SHOOTING MODE is set to "▲" Landscape. Continuous shooting is selected. 	<ul style="list-style-type: none"> Wait until the charging is completed before pressing the shutter button. Change the SHOOTING MODE. Set continuous shooting to "OFF".
The flash settings are restricted and cannot be selected.	SHOOTING MODE is set to "▲", "📷" or "📷".	The flash settings are restricted because the camera settings are tailored to the scene being shot. Change the SHOOTING MODE for a wider range of flash settings.
The playback image is dark even though the flash was used.	<ul style="list-style-type: none"> The subject is too far away. Your finger was covering the flash. 	<ul style="list-style-type: none"> Move to within the effective flash range before taking the picture. Hold the camera correctly.
The image is blurred.	<ul style="list-style-type: none"> The lens is dirty. The photographed subject was too dark. You photographed scenery with Macro mode selected. You took a close-up shot without selecting Macro mode. You are shooting a subject that is not suited to autofocus. 	<ul style="list-style-type: none"> Clean the lens. Try standing about 2 m (6.6 ft.) from your subject to take the picture. Cancel Macro mode. Select Macro mode. Use AF/AE lock to take the picture.
There is speckling on the image.	The picture was taken with a slow shutter speed (long exposure) in a high-temperature environment.	This is a characteristic of CCDs and does not indicate a camera fault.
Can't format the xD-Picture Card .	The xD-Picture Card contact area is soiled.	Wipe the xD-Picture Card contact area with a clean dry cloth.
Frame erase does not erase the frame.	Some frames may be protected.	Unprotect frames using the camera on which the protection was first applied.
The ERASE ALL function does not erase all the frames.		

Troubleshooting	Possible causes	Solutions
Screens are not displayed in English.	A language other than English is selected in the "言語/LANG." setting in the "SET-UP" menu (►P.53).	<ol style="list-style-type: none"> Press the "MENU/OK" button to display the menu. Press "◀" or "▶" to select "📄" and press "▲" or "▼" to select "SET-UP". Press the "MENU/OK" button to display the SET-UP screen on the LCD monitor. Press "◀" or "▶" to move to option 4 and then press "▲" or "▼" to select "言語/LANG.". Press "◀" or "▶" several times to select "ENGLISH". Press the "MENU/OK" button.
The camera does not emit any sound.	<ul style="list-style-type: none"> The camera volume is set too low. The microphone was blocked during shooting/recording. There is something covering the speaker during playback. 	<ul style="list-style-type: none"> Adjust the volume. Take care not to block the microphone during shooting/recording. Make sure that the speaker is uncovered.
There is no image on the TV.	<ul style="list-style-type: none"> The camera is not connected to the TV correctly. "TV" is selected as the TV input. The video output setting is incorrect. 	<ul style="list-style-type: none"> Connect the camera and TV correctly. Set the TV input to "VIDEO". Change the setting to "NTSC" or "PAL" (►P.53).
The TV image is black and white.	The video output setting is incorrect.	Change the setting to "NTSC" or "PAL" (►P.53).
When connecting the camera to a PC, the photographed image or playback image appears on the camera's LCD monitor.	<ul style="list-style-type: none"> The USB cable (mini-B) is not correctly connected to the PC or camera. The PC is not turned on. 	<ul style="list-style-type: none"> Set up the camera and the USB cable (mini-B) correctly. Turn the PC on.
The camera no longer works correctly.	The camera has suffered an unforeseen problem.	Briefly remove the batteries or disconnect the AC power adapter. Then, reload the batteries or reconnect the AC power adapter and try again. If the message still appears, contact your FUJIFILM dealer.
Can't print with PictBridge.	"📷" is not selected in "USB MODE" in the "SET-UP" menu.	Select "📷" in "USB MODE" in the "SET-UP" menu.
The camera was connected to a PC when the USB mode was set to "📷".		Perform steps ① to ③ to remove the camera from the PC. <ul style="list-style-type: none"> Windows <ol style="list-style-type: none"> The "New Hardware Found" wizard or "Scanner and Camera" wizard appears. If the wizard does not appear, proceed to step ③. Click the [Cancel] button. Disconnect the camera from the PC. Macintosh <ol style="list-style-type: none"> The window for locating the driver appears. If the window does not appear, proceed to step ③. Click the [Cancel] button. Disconnect the camera from the Macintosh.
Can't use the camera in DSC mode after "[COMMUNICATION ERROR]" is displayed on the LCD monitor.	"📷" is not selected in "USB MODE" in the "SET-UP" menu.	Select "📷" in "USB MODE" in the "SET-UP" menu.

Specifications (FinePix A345)

System	
Model	Digital camera FinePix A345
Effective pixels	4.1 million pixels
CCD sensor	1/2.5 inch square pixel CCD Number of total pixels: 4.23 million pixels
Storage media	xD-Picture Card (16/32/64/128/256/512 MB)
File format	Still image: JPEG (Exif ver. 2.2) * Design rule for Camera File System compliant DPOF-compatible Movie: AVI format, Motion JPEG
Number of recorded pixels	Still image: 2304 × 1728 pixels/2304 × 1536 pixels/1600 × 1200 pixels/ 1280 × 960 pixels/640 × 480 pixels (4M / 3.2 / 2M / 1M / 0.8M) Movie: 320 × 240 pixels (15 frames per second with monaural sound) 160 × 120 pixels (15 frames per second with monaural sound)
Lens	Fujinon 3× optical zoom lens, F2.8-F4.7
Focal length	f=5.8 mm to 17.4 mm (Equivalent to 35 mm to 105 mm on a 35 mm camera)
Digital zoom	Approx. 3.6× (3× optical zoom lens is used together: Max. zoom scale: approx. 10.8×)
Focus	TTL contrast-type, Auto focus
Focal range	Normal: approx. 60 cm (2.0 ft.) to infinity Macro: approx. 6 cm (2.4 in.) to 80 cm (2.6 ft.) (wide-angle)
Shutter speed	2 sec. to 1/2000 sec. (depend on Exposure mode)
Aperture	F2.8/F4.7 (automatically selected)
Sensitivity	AUTO (Equivalent to ISO 64 to 400, depending on conditions)
Photometry	Multi point TTL metering
Exposure control	Program AE
Exposure compensation	−2.1 EV to +1.5 EV in 0.3 EV-step increments (in Manual mode)
White balance	Auto (☉, ☁, ▲, ☀, ☾) Manual modes, 7 positions can be selected (☼)
Viewfinder	Real image optical Approx. 75% coverage
LCD monitor	1.7 inches, Aspect ratio: 4:3; 115,000 pixels Amorphous silicon TFT, Approx. 90% coverage
Flash type	Auto flash Effective range: Wide-angle: approx. 60 cm-3.5 m (2.0 ft.-11.5 ft.) Telephoto: approx. 60 cm-3 m (2.0 ft.-9.8 ft.) Macro: approx. 30 cm-80 cm (1.0 ft.-2.6 ft.) Flash modes: Auto, Red-Eye Reduction, Forced Flash, Suppressed Flash, Slow Synchro, Red-Eye Reduction + Slow Synchro
Self-timer	2 sec./10 sec.
Continuous shooting	Number of available frames in Continuous shooting mode 4M F 3 frames/ 4M N 4 frames/ 3.2 4 frames/ 2M 5 frames / 1M 6 frames / 0.8M 18 frames (Max. 1.5 frames/sec.)
Shooting functions	Best framing, Frame No. memory
Playback functions	Trimming, Automatic playback, Multi-frame playback
Other functions	PictBridge, Exif Print, Language (English, Francais, Deutsch, Español, Italiano, 中文, 日本語), World time (Time difference), Discharge batteries
Input/Output Terminals	
A/V OUT (Audio/Visual output) socket	2.5 mm dia. jack
USB (mini-B) socket	For file transfer to a PC
DC input socket	Socket for specified AC power adapter AC-3VX (sold separately)

Power Supply and Others							
Power supply	Use one of the following: <ul style="list-style-type: none">• 2×AA-size alkaline batteries• 2×AA-size Ni-MH (Nickel-Metal Hydride) batteries (sold separately)• AC power adapter AC-3VX (sold separately)						
Conditions for use	Temperature: 0°C to +40°C (+32°F to +104°F); 80% humidity or less (no condensation)						
Guide to the number of available frames for battery operation	<table><tr><th>Battery Type</th><th>Number of frames</th></tr><tr><td>Alkaline batteries</td><td>Approx. 100 frames</td></tr><tr><td>Ni-MH batteries 2300 mAh</td><td>Approx. 290 frames</td></tr></table> <p>According to the CIPA (Camera & Imaging Products Association) standard procedure for measuring digital still camera battery consumption (extract): When using alkaline batteries, use the batteries supplied with the camera. You can use Ni-MH batteries also. The storage media should be xD-Picture Card. Pictures should be taken at a temperature of +23°C (+73°F), with the LCD monitor turned on, the optical zoom moved from full wide-angle to full telephoto (or vice-versa) and back again to its original position every 30 seconds, the flash used at full power every second shot and the camera turned off and then on again once every 10 shots. ● Note: Because the number of available shots varies depending on the capacity of alkaline batteries or the level of charge in Ni-MH batteries, the figures shown here for the number of available shots using batteries are not guaranteed. The number of available shots will also decline at low temperatures.</p>	Battery Type	Number of frames	Alkaline batteries	Approx. 100 frames	Ni-MH batteries 2300 mAh	Approx. 290 frames
Battery Type	Number of frames						
Alkaline batteries	Approx. 100 frames						
Ni-MH batteries 2300 mAh	Approx. 290 frames						
Camera dimensions (W/H/D)	90.0 mm × 60.0 mm × 30.3 mm/3.5 in. × 2.4 in. × 1.2 in. (not including accessories and attachments)						
Camera mass (weight)	Approx. 132 g/4.7 oz. (not including accessories, batteries and xD-Picture Card)						
Weight for photography	Approx. 180 g/6.3 oz. (including batteries and xD-Picture Card)						
Accessories	See P.7						
Optional accessories	See P.77						

■ Standard number of available frames/recording time per **xD-Picture Card**
The number of available frames, recording time or file size varies slightly depending on the subjects photographed. Note also that the difference between standard number of frames and the actual number of frames is greater for **xD-Picture Cards** with higher capacities.

Quality Setting	4M F	4M N	3.2	2M	1M	0.8M	Movie 320	Movie 160
Number of recorded pixels	2304 × 1728	2304 × 1536	1600 × 1200	1280 × 960	640 × 480	320 × 240	160 × 120	
Image Data Size	2.0 MB	990 KB	890 KB	630 KB	470 KB	130 KB	—	—
DPC-16 (16 MB)	7	15	18	25	33	122	65 sec.	260 sec.
DPC-32 (32 MB)	15	31	36	50	68	247	130 sec.	8.6 min.
DPC-64 (64 MB)	32	64	72	101	137	497	260 sec.	17.3 min.
DPC-128 (128 MB)	64	128	144	204	275	997	8.6 min.	34.6 min.
DPC-256 (256 MB)	129	257	289	409	550	1997	17.3 min.	69.3 min.
DPC-512 (512 MB)	259	515	578	818	1101	3993	34.6 min.	138.6 min.

- * These specifications are subject to change without notice. FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.
- * The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor. These are normal display characteristics and do not indicate a fault with the monitor. This phenomenon will not appear on the recorded image.
- * The operation error may be caused in a digital camera by the strong radio interference (i. e. electric fields, static electricity, line noise, etc.).
- * Due to the nature of the lens, the edges of images may appear distorted. This is normal.

Specifications (FinePix A350)

System	
Model	Digital camera FinePix A350
Effective pixels	5.2 million pixels
CCD sensor	1/2.5 inch square pixel CCD Number of total pixels: 5.36 million pixels
Storage media	xD-Picture Card (16/32/64/128/256/512 MB)
File format	Still image: JPEG (Exif ver. 2.2) * Design rule for Camera File System compliant DPOF-compatible Movie: AVI format, Motion JPEG
Number of recorded pixels	Still image: 2592 × 1944 pixels/2592 × 1728 pixels/2048 × 1536 pixels/ 1600 × 1200 pixels/640 × 480 pixels (5M / 3:2 / 3M / 2M / 1M) Movie: 320 × 240 pixels (15 frames per second with monaural sound) 160 × 120 pixels (15 frames per second with monaural sound)
Lens	Fujinon 3× optical zoom lens, F2.8-F4.7
Focal length	f=5.8 mm to 17.4 mm (Equivalent to 35 mm to 105 mm on a 35 mm camera)
Digital zoom	Approx. 4.1× (3× optical zoom lens is used together: Max. zoom scale: approx. 12.2×)
Focus	TTL contrast-type, Auto focus
Focal range	Normal: approx. 60 cm (2.0 ft.) to infinity Macro: approx. 6 cm (2.4 in.) to 80 cm (2.6 ft.) (wide-angle)
Shutter speed	2 sec. to 1/2000 sec. (depend on Exposure mode)
Aperture	F2.8/F4.7 (automatically selected)
Sensitivity	AUTO (Equivalent to ISO 64 to 400, depending on conditions)
Photometry	Multi point TTL metering
Exposure control	Program AE
Exposure compensation	−2.1 EV to +1.5 EV in 0.3 EV-step increments (in Manual mode)
White balance	Auto (☀, 🌙, 🌸, 🌧, ☁) Manual modes, 7 positions can be selected (📷)
Viewfinder	Real image optical Approx. 75% coverage
LCD monitor	1.7 inches, Aspect ratio: 4:3; 115,000 pixels Amorphous silicon TFT, Approx. 90% coverage
Flash type	Auto flash Effective range: Wide-angle: approx. 60 cm-3.5 m (2.0 ft.-11.5 ft.) Telephoto: approx. 60 cm-3 m (2.0 ft.-9.8 ft.) Macro: approx. 30 cm-80 cm (1.0 ft.-2.6 ft.) Flash modes: Auto, Red-Eye Reduction, Forced Flash, Suppressed Flash, Slow Synchro, Red-Eye Reduction + Slow Synchro
Self-timer	2 sec./10 sec.
Continuous shooting	Number of available frames in Continuous shooting mode 5M F 5 frames/ 5M N 8 frames/ 3:2 9 frames/ 3M 13 frames/ 2M 15 frames/ 1M 69 frames (Max. 1.4 frames/sec.)
Shooting functions	Best framing, Frame No. memory
Playback functions	Trimming, Automatic playback, Multi-frame playback
Other functions	PictBridge, Exif Print, Language (English, Francais, Deutsch, Español, Italiano, 中文, 日本語), World time (Time difference), Discharge batteries
Input/Output Terminals	
A/V OUT (Audio/Visual output) socket	2.5 mm dia. jack
🔌 USB (mini-B) socket	For file transfer to a PC
DC input socket	Socket for specified AC power adapter AC-3VX (sold separately)

Power Supply and Others							
Power supply	Use one of the following: <ul style="list-style-type: none">• 2×AA-size alkaline batteries• 2×AA-size Ni-MH (Nickel-Metal Hydride) batteries (sold separately)• AC power adapter AC-3VX (sold separately)						
Conditions for use	Temperature: 0°C to +40°C (+32°F to +104°F); 80% humidity or less (no condensation)						
Guide to the number of available frames for battery operation	<table><tr><th>Battery Type</th><th>Number of frames</th></tr><tr><td>Alkaline batteries</td><td>Approx. 100 frames</td></tr><tr><td>Ni-MH batteries 2300 mAh</td><td>Approx. 290 frames</td></tr></table> <p>According to the CIPA (Camera & Imaging Products Association) standard procedure for measuring digital still camera battery consumption (extract): When using alkaline batteries, use the batteries supplied with the camera. You can use Ni-MH batteries also. The storage media should be xD-Picture Card. Pictures should be taken at a temperature of +23°C (+73°F), with the LCD monitor turned on, the optical zoom moved from full wide-angle to full telephoto (or vice-versa) and back again to its original position every 30 seconds, the flash used at full power every second shot and the camera turned off and then on again once every 10 shots. ● Note: Because the number of available shots varies depending on the capacity of alkaline batteries or the level of charge in Ni-MH batteries, the figures shown here for the number of available shots using batteries are not guaranteed. The number of available shots will also decline at low temperatures.</p>	Battery Type	Number of frames	Alkaline batteries	Approx. 100 frames	Ni-MH batteries 2300 mAh	Approx. 290 frames
Battery Type	Number of frames						
Alkaline batteries	Approx. 100 frames						
Ni-MH batteries 2300 mAh	Approx. 290 frames						
Camera dimensions (W/H/D)	90.0 mm × 60.0 mm × 30.3 mm/3.5 in. × 2.4 in. × 1.2 in. (not including accessories and attachments)						
Camera mass (weight)	Approx. 132 g/4.7 oz. (not including accessories, batteries and xD-Picture Card)						
Weight for photography	Approx. 180 g/6.3 oz. (including batteries and xD-Picture Card)						
Accessories	See P.7						
Optional accessories	See P.77						

■ Standard number of available frames/recording time per **xD-Picture Card**
The number of available frames, recording time or file size varies slightly depending on the subjects photographed. Note also that the difference between standard number of frames and the actual number of frames is greater for **xD-Picture Cards** with higher capacities.

Quality Setting	5M F	5M N	3:2	3M	2M	1M	Movie 320	Movie 160
Number of recorded pixels	2592 × 1944		2592 × 1728	2048 × 1536	1600 × 1200	640 × 480	320 × 240	160 × 120
Image Data Size	2.5 MB	1.3 MB	1.2 MB	780 KB	630 KB	130 KB	—	—
DPC-16 (16 MB)	6	12	14	19	25	122	65 sec.	260 sec.
DPC-32 (32 MB)	12	25	28	40	50	247	130 sec.	8.6 min.
DPC-64 (64 MB)	25	50	57	81	101	497	260 sec.	17.3 min.
DPC-128 (128 MB)	51	102	114	162	204	997	8.6 min.	34.6 min.
DPC-256 (256 MB)	102	204	228	325	409	1997	17.3 min.	69.3 min.
DPC-512 (512 MB)	205	409	457	651	818	3993	34.6 min.	138.6 min.

- * These specifications are subject to change without notice. FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.
- * The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor. These are normal display characteristics and do not indicate a fault with the monitor. This phenomenon will not appear on the recorded image.
- * The operation error may be caused in a digital camera by the strong radio interference (i. e. electric fields, static electricity, line noise, etc.).
- * Due to the nature of the lens, the edges of images may appear distorted. This is normal.

Explanation of Terms

Deactivated batteries

Leaving an Ni-MH battery unused in storage for a long period may cause a rise in the level of substances that inhibit current flow inside the battery and result in a dormant battery. A battery in this state is referred to as deactivated. Because current flow is inhibited in a deactivated Ni-MH battery, the battery's original level of performance cannot be achieved.

DPOF

Digital Print Order Format

DPOF is a format used for recording information on a storage media (image memory card, etc.) that allows you to specify which of the frames shot using a digital camera are to be printed and how many prints are made of each image.

EV

A number denotes Exposure Value. The EV is determined by the brightness of the subject and sensitivity (speed) of the film or CCD. The number is larger for bright subjects and smaller for dark subjects. As the brightness of the subject changes, a digital camera maintains the amount of light hitting the CCD at a constant level by adjusting the aperture and shutter speed.

When the amount of light striking the CCD doubles, the EV increases by 1. Likewise, when the light is halved, the EV decreases by 1.

Frame rate (fps)

The frame rate refers to the number of images (frames) that are photographed or played back per second. For example, when 15 frames are continuously photographed in a 1-second interval, the frame rate is expressed as 15 fps. For reference, TV images are displayed at 30 fps (NTSC).

JPEG

Joint Photographic Experts Group

A file format used for compressing and saving color images. The higher the compression rate, the greater the loss of quality in the decompressed (restored) image.

Memory effect

If an Ni-MH battery is repeatedly charged without first being fully discharged, its performance may drop below its original level. This is referred to as the "memory effect".

Motion JPEG

A type of AVI (Audio Video Interleave) file format that handles images and sound as a single file. Images in the file are recorded in JPEG format. Motion JPEG can be played back by QuickTime 3.0 or later.

PC Card

A generic term for cards that meet the PC Card Standard.

PC Card Standard

A standard for PC cards determined by the PCMCIA.

PCMCIA

Personal Computer Memory Card International Association (US).

WAVE

A standard format used on Windows systems for saving audio data. WAVE files have the ".WAV" file extension and the data can be saved in either compressed or uncompressed format. Uncompressed recording is used on this camera.

WAVE files can be played back on a personal computer using the following software:

Windows: MediaPlayer

Macintosh: QuickTime Player

* QuickTime 3.0 or later

White Balance

Whatever the kind of the light, the human eye adapts to it so that a white object still looks white. On the other hand, devices such as digital cameras see a white subject as white by first adjusting the color balance to suit the color of the ambient light around the subject. This adjustment is called matching the white balance.



Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

Safety Notes

- Make sure that you use your FinePix A345 / FinePix A350 camera correctly. Read these Safety Notes and your Owner's Manual carefully before use.
- After reading these Safety Notes, store them in a safe place.

About the Icons

The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

	WARNING	This icon indicates that death or serious injury can result if the information is ignored.
	CAUTION	This icon indicates that personal injury or material damage can result if the information is ignored.

The icons shown below are used to indicate the nature of the information which is to be observed.

- Triangular icons tell you that this information requires attention ("important").
- Circular icons with a diagonal bar tell you that the action indicated is prohibited ("Prohibited").
- Filled circles with an exclamation mark tell you an action that must be performed ("Required").

WARNING	
If a problem arises, turn the camera off, remove the batteries, disconnect and unplug the AC power adapter. Continued use of the camera when it is emitting smoke, is emitting any unusual odor, or is in any other abnormal state can cause a fire or electric shock. ● Contact your FUJIFILM dealer.	 Unplug from power socket.
Do not allow water or foreign objects to enter the camera. If water or foreign objects get inside the camera, turn the camera off, remove the batteries and disconnect and unplug the AC power adapter. Continued use of the camera can cause a fire or electric shock. ● Contact your FUJIFILM dealer.	
Do not use the camera in the bathroom or shower. This can cause a fire or electric shock. ● Contact your FUJIFILM dealer.	 Do not use in the bathroom or shower.
Never attempt to change or take apart the camera. (Never open the casing.) Do not use the camera when it has been dropped or the casing is damaged. This can cause a fire or electric shock. ● Contact your FUJIFILM dealer.	 Do not disassemble.
Do not change, heat or unduly twist or pull the connection cord and do not place heavy objects on the connection cord. These actions could damage the cord and cause a fire or electric shock. ● If the cord is damaged, contact your FUJIFILM dealer.	
Do not place the camera on an unstable surface. This can cause the camera to fall or tip over and cause injury.	
Never attempt to take pictures while in motion. Do not use the camera while you are walking or driving a vehicle. This can result in you falling down or being involved in a traffic accident.	
Do not touch any metal parts of the camera during a thunderstorm. This can cause an electric shock due to induced current from the lightning discharge.	
Do not use the batteries except as specified. Load the batteries with the ⊕ and ⊖ marks.	

Safety Notes



Memo

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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